

EMPIRE STATE DEVELOPMENT

LONGSHED INTERIOR RENOVATIONS



ARCHITECTS / ENGINEERS

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Client: EMPIRE STATE DEVELOPMENT

Project: LONGSHED INTERIOR RENOVATIONS

Project Address: CANALSIDE
44 PRIME ST.
BUFFALO, NY 14202

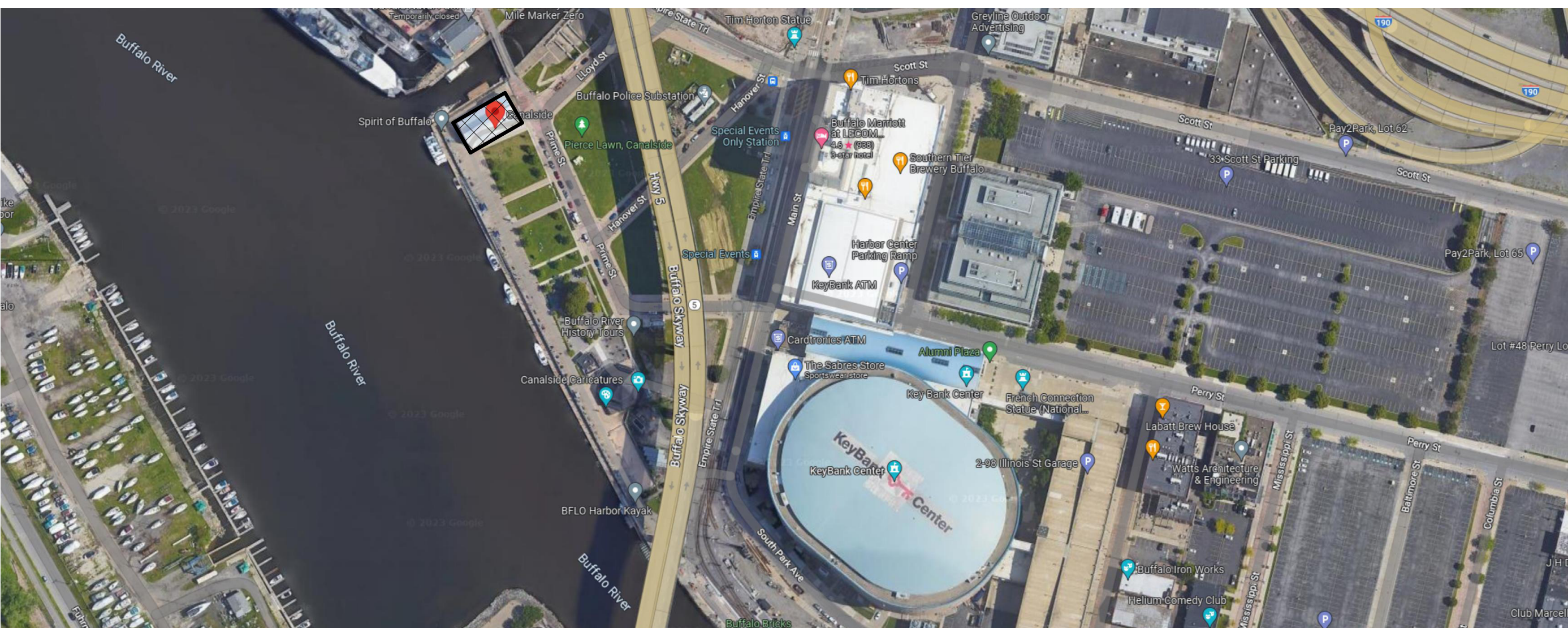
Drawing History: # Date Description

Project Status: CONSTRUCTION DOCUMENTS

Date: MAY 16, 2023
Project Number: 23007
Sheet Title: TITLE SHEET

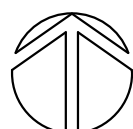
Sheet Number: G000

LOCATION MAP



PROJECT LOCATION

CANALSIDE
44 PRIME ST.
BUFFALO, NY 14202



GENERAL NOTES:

1. CONTRACT DOCUMENTS — ALL CONTRACTORS SHALL EXAMINE THE CONTRACT DOCUMENTS, AND REFERENCED, NON-CONTRACTUAL DOCUMENTS, AND SHALL BE INFORMED OF THE ENTIRE CONTENTS THEREOF PRIOR TO SUBMISSION OF PROPOSAL. ANY ERRORS OR AMBIGUITIES NOTED DURING SAID EXAMINATION SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT, PRIOR TO THE SUBMISSION OF A BID. THE ARCHITECT WILL ISSUE AN ADDENDUM OF INTERPRETATION OF THE CITED ERROR OR AMBIGUITY.

NO SUBSEQUENT CLAIM FOR EXTRA WORK WILL BE ALLOWED ON ACCOUNT OF CLAIMED MISUNDERSTANDING OF THE MEANING OR INTENT OF THE CONTRACT DOCUMENTS OF ANY PORTION THEREOF IF THE ITEM OCCASIONING THE CLAIM APPEARED IN, OR WAS INFERRABLE FROM, SAID CONTRACT DOCUMENTS AS FURNISHED FOR BIDDING. CONTRACTORS PROPOSE TO PROVIDE ALL REQUIRED MATERIALS, LABOR, AND EQUIPMENT NECESSARY TO COMPLETE THE WORK.

2. CODES — ALL WORK IS TO BE PERFORMED IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF ALL GOVERNING CODES AND ORDINANCES, INCLUDING BUT NOT LIMITED TO THE 2020 BUILDING CODES OF NEW YORK STATE, IBC/ANSI 117.1-2017, OSHA REGULATIONS, AND ALL AGENCIES HAVING JURISDICTION OF THIS PROJECT.

3. SAFETY — IMPLEMENTING JOB SITE SAFETY CONSTRUCTION PROCEDURES AND COMPLIANCE WITH ALL (OSHA) RELATED SAFETY REGULATIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTORS AND THEIR SUBCONTRACTORS.

THE FOLLOWING SHALL BE MAINTAINED AND/OR PROVIDED IN COMPLIANCE WITH CURRENT OSHA STANDARDS IN ADDITION TO ALL OTHER GOVERNING CODES AND ORDINANCES:

- ADEQUATE EXITS AND UNOBSTRUCTED ACCESS TO SUCH SHALL BE MAINTAINED
- VISIBLE EXIT SIGNAGE SHALL BE PROVIDED OR MAINTAINED
- FIRE PROTECTION PROGRAM AS WELL AS EQUIPMENT SHALL BE PROVIDED BY CONTRACTOR
- ACCESS TO A SUFFICIENT WATER SUPPLY SHALL BE AVAILABLE UPON ACCUMULATION OF COMBUSTIBLE MATERIAL
- FIRE EXTINGUISHING DEVICES AND EQUIPMENT OF PROPER RATING, STANDARD, AND LOCATION
- SERVICE OF FIRE RESPONSE SYSTEMS SHALL BE MAINTAINED AND CHECKED DAILY TO INSURE THAT PROTECTION IS IN SERVICE. INSIDES OF ALL ELECTRICAL AND TELEPHONE ROOMS.

4. MEANS AND METHODS — THE MEANS AND METHODS OF CONSTRUCTION ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTORS AND THEIR SUBCONTRACTORS. ALL CONTRACTORS ARE RESPONSIBLE TO DETERMINE ALLOWABLE CONSTRUCTION LOADS AND TO PROVIDE PROPER DESIGN AND CONSTRUCTION OF FORMWORK, STAGING, BRACING, SHEETING AND SHORING, RESHORING, ETC.—THIS INCLUDES THAT REQUIRED FOR THE CONTRACTOR VEHICLES, FORKLIFTS, MOBILE CRANES, MATERIALS STORAGE, ETC.

5. COORDINATION — ALL CONTRACTORS AND THEIR SUBCONTRACTORS ARE RESPONSIBLE FOR THE THOROUGH COORDINATION OF THE WORK WITH EACH OTHER. OBTAIN ALL NECESSARY INFORMATION REQUIRED FOR A WELL-COORDINATED INSTALLATION OF THE WORK. NO CLAIMS FOR ADDITIONAL WORK WILL BE ACCEPTED FOR WORK RELATED TO SUCH COORDINATION.

6. JOB SITE — EACH CONTRACTOR SHALL KEEP THE JOB SITE FREE OF DEBRIS AND IS RESPONSIBLE FOR DAILY CLEAN UP. ROADWAYS AND SIDEWALKS SHALL BE KEPT FREE OF DEBRIS. TRASH CONTAINERS SHALL BE EMPTIED IN A TIMELY MANNER.

7. PROTECTION AND RESTORATION — ALL CONTRACTORS AND THEIR SUBCONTRACTORS SHALL PROTECT AND NOT DAMAGE EXISTING FINISHES, EQUIPMENT, PROPERTY, ETC. DURING THE WORK. ALL DAMAGED AREAS SHALL BE REPAIRED/RESTORED TO THEIR ORIGINAL CONDITIONS.

WHERE REMOVAL OF EXISTING CONSTRUCTION RESULTS IN DEPRESSIONS AND/OR UNEVEN CONDITIONS, PATCH, LEVEL, AND FEATHER AREAS AS REQUIRED TO PROVIDE UNIFORMITY OF NEW CONSTRUCTION.

8. FACILITY OPERATIONS — CARE SHALL BE TAKEN TO AVOID DISTURBANCE OF ADJACENT FUNCTIONS/BUILDINGS. ALL WORK, DELIVERIES AND OTHER CONSTRUCTION RELATED ACTIVITIES SHALL ADHERE IN STRICT ACCORDANCE TO LOCAL RESTRICTIONS AND CONDITIONS. CONTRACTORS ARE TO HAVE A COPY OF SAID REQUIREMENTS AND CONDITIONS AVAILABLE AT THE JOB SITE AT ALL TIMES FOR REVIEW.

9. QUALITY — ALL CONTRACTORS SHALL PROVIDE ALL MATERIALS INDICATED GRAPHICALLY OR AS NOTED. ALL MATERIALS USED IN CONSTRUCTION SHALL BE NEW AND FREE FROM DEFECTS. INSTALL ALL MATERIALS TO THE MANUFACTURER'S RECOMMENDATIONS AND TO ACCEPTABLE PROFESSIONAL TRADE INDUSTRY STANDARDS FOR WORK OF SIMILAR SCOPE AND CHARACTER. WORK SHALL NOT VOID ANY WARRANTIES OR IMPEDE THE PERFORMANCE OF ANY INSTALLED SYSTEM.

ALL WORK OF THE PROJECT SHALL BE PERFORMED CAREFULLY AND SKILLFULLY BY WORKERS ADEPT IN THEIR TRADES. SHOULD ANY MATERIAL OR WORKMANSHIP BE FOUND TO BE DEFECTIVE, IT SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.

10. DRAWINGS — DO NOT SCALE DRAWINGS. ALL WALL, PARTITION, AND STRUCTURAL DIMENSIONS ARE ACTUAL AND ARE DIMENSIONED TO THE FACE OF THE PARTITION, UNLESS INDICATED OTHERWISE. ALL DIMENSIONS, NOTES, AND DETAILS SHOWING A PORTION OF A DRAWING SHALL APPLY TYPICALLY TO ALL OPPOSITE HAND AND/OR SIMILAR CONDITIONS. CONTRACTORS SHALL VERIFY ALL DIMENSIONS IN THE FIELD AS REQUIRED FOR THE SCOPE OF WORK AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.

11. INCIDENTAL BLOCKING — PROVIDE ALL INCIDENTAL WOOD BLOCKING AS REQUIRED FOR ATTACHMENT OF FINISHES, AND ACCESSORIES, INCLUDING BUT NOT LIMITED TO MILLWORK, CASEWORK, AND COUNTERTOPS.

12. INSPECTIONS — CONTRACTORS SHALL BE RESPONSIBLE FOR MAKING ARRANGEMENTS FOR ALL REQUIRED INSPECTIONS.

13. OWNER-PROVIDED EQUIPMENT — ALL CONTRACTORS SHALL OBTAIN ALL REQUIREMENTS FOR INSTALLATION OF OWNER PROVIDED EQUIPMENT FROM OWNER PRIOR TO INSTALLATION.

14. HAZARDOUS MATERIALS — TESTING WAS PERFORMED PRIOR TO THE PROJECT TO IDENTIFY HAZARDOUS MATERIALS THAT MAY BE DISTURBED BY THE PLANNED DEMOLITION

ABBREVIATIONS:

AB	ANCHOR BOLT	DISP	DISPENSER	IP	IRON PIPE	RA	RETURN AIR
ABV	ABOVE	DL	DEAD LOAD	JAN	JANITOR	RAD	RADIATOR
A/C	AIR CONDITIONING	DN	DOWN	JST	JOIST	RB	RUBBER BASE
ADA	AMERICANS W/ DISABILITIES ACT	DR	DOOR	JT	JOINT	RCP	REFLECTED CEILING PLAN
ADD	ADDENDUM	DS	DOWN SPOUT	LAB	LABORATORY	REC	RECESSED
AFF	ABOVE FINISHED FLOOR	DWG	DRAWING	LAB	LABORATORY	RECPT	RECEPTACLE
AFG	ABOVE FINISHED GRADE	EA	EACH	LAM	LAMINATED	REF	REFERENCE
AHU	AIR HANDLING UNIT	EAC	ELECTRICAL CONTRACTOR	LAV	LAVATORY	REINF	REINFORCING
AL	ALUMINUM	EF	EXHAUST FAN / EACH FACE	LB	POUND	REQD	REQUIRED
ALT	ALTERNATE / ALTERNATIVE	EFS	EXTERIOR INSULATION & FINISH SYSTEM	LF	LINEAR FEET / LINEAR FEET	RES	RESILIENT
ANOD	ANODIZED	EP	ELECTRICAL PANEL	LG	LONG	REV	REVISION
APPROX	APPROXIMATE	EJ	EXPANSION JOINT	LH	LEFT HAND	RH	RIGHT HAND
ARCH	ARCHITECT / ARCHITECTURAL	EL	ELEVATION	LHR	LEFT HAND REVERSE	RHR	RIGHT HAND REVERSE
ASSY	ASSEMBLY	ELECT	ELECTRICAL	LIN	LINEAR	RL	ROOF LEADER
ASTM	AMERICAN SOCIETY FOR TESTING & MATERIALS	ELEV	ELEVATOR	LKR	LOCKER	RM	ROOM
AV	AUDIO VISUAL	ENCL	ENCLOSURE	LLH	LONG LEG HORIZONTAL	RO	ROUGH OPENING
AWG	AMERICAN WIRE GAUGE	EP	ELECTRICAL PANEL	LLV	LONG LEG VERTICAL	ROW	RIGHT OF WAY
BD	BOARD	EQ	EQUAL	LOC	LOCATION	RTU	ROOF TOP UNIT
BFF	BELOW FINISH FLOOR	EQUIP	EQUIPMENT	LP	LOW POINT	RV	ROOF VENT
BTUM	BITUMINOUS	EXIST	EXISTING	LT	LIGHT	SF	SQUARE FOOT / SQUARE FEET
BKSP	BACKSPLASH	EXP	EXPANSION	LVR	LOUVER	SHT	SHEET
BLDG	BUILDING	EXT	EXTERIOR	MAX	MAXIMUM	SIM	SIMILAR
BLK	BLOCK	EXTR	EXTRUDED / EXTRUSION	MB	MACHINE BOLT	SP	SPACE / STAND PIPE
BLKG	BLOCKING	FCU	FAN COIL UNIT	ME	MECHANICAL CONTRACTOR	SPECS	SPECIFICATIONS
BM	BEAM / BENCH MARK	FD	FLOOR DRAIN	MC	MECHANICAL	SQ	SQUARE
BOS	BOTTOM OF STEEL	FDN	FOUNDATION	MED	MEDIUM	SS	STAINLESS STEEL
BTWN	BETWEEN	FE	FIRE EXTINGUISHER	MEZ	MEZZANINE	ST	STORM DRAINAGE LINE
BTM	BOTTOM	FF&E	FINISHED FLOOR, FURNITURE, FIXTURE, & EQUIPMENT	MFG	MANUFACTURING	STC	SOUND TRANSMISSION COEFFICIENT
BTU	BRITISH THERMAL UNIT	FIN	FINISH	MFR	MANUFACTURER	STD	STANDARD
BUR	BUILTUP ROOF	FLR	FLOOR	MHT	MOUNTING HEIGHT	STL	STRUCTURAL
CB	CABINET	FLM	FLOOR MAT	MIN	MINIMUM	SUSP	SUSPENDED
CB	CATCH BASIN	FOS	FACE OF STUD	MISC	MISCELLANEOUS	SYM	SYMMETRICAL
CEM	CEMENT	FR	FRAME	N	NORTH	TB	THROUGH BOLT
CG	CORNER GUARD	FT	FEET / FOOT	NA	NOT APPLICABLE	TEL	TELEPHONE
CGT	CERAMIC GLAZED TILE	FTG	FOOTING	NIC	NOT IN CONTRACT	TER	TERRAZZO
CJ	CONTROL JOINT	FURR	FURRING	NOM	NOMINAL	THK	THICK
CL	CENTERLINE	FV	FIELD VERIFY	NRC	NOISE REDUCTION COEFFICIENT	TOC	TOP OF CONCRETE
CLG	CLEAR	G	GAS	NTS	NOT TO SCALE	TOF	TOP OF FOOTING
CLS	CLOSURE	GA	GAUGE	OC	ON CENTER	TOJ	TOP OF JOIST
CMT	CERAMIC MOSAIC TILE	GALV	GALVANIZED	OPCI	OWNER FURNISHED-CONTRACTOR INSTALLED	TOP	TOP OF PIER
CMU	CONCRETE MASONRY UNIT	GB	GRAB BAR / GRADE BEAM	OPG	OPENING	TOS	TOP OF STEEL
COL	COLUMN	GC	GENERAL CONTRACTOR	OPH	OPPOSITE HAND	TOW	TOP OF WALL
COMB	COMBINATION	GL	GLASS	PC	PLUMBING CONTRACTOR	TP	TOP OF PAVEMENT
CONC	CONCRETE	GND	GROUND	PCF	POUNDS PER CUBIC FOOT	TYP	TYPICAL
COND	CONDENSER	GRD	GRADE	PERF	PERFORATED	UBC	UNIFORM BUILDING CODE
CONF	CONFERENCE	GWB	GYPNUM WALL BOARD	PL	PLATE / PROPERTY LINE	UC	UNDERCUT
CONST	CONSTRUCTION	GYP	GYPNUM	PLB	PLUMBING	UG	UNDERGROUND
CONT	CONTINUOUS	H	HIGH	PNT	PAINT / PAINTED	UH	UNIT HEATER
COORD	COORDINATE	HB	HOSE BIB	PSF	POUNDS PER SQUARE FOOT	UL	UNDERWRITERS LABORATORIES
CORR	CORRIDOR / CORRUGATED	HC	HANDICAPPED	PSI	POUNDS PER SQUARE INCH	UNFIN	UNFINISHED
CPT	CARPET	HP	HIGH POINT / HORSEPOWER	PT	PORCELAIN TILE / PAVER TILE	UNO	UNLESS NOTED OTHERWISE
CT	CERAMIC TILE	HT	HEIGHT	PVC	POLYVINYL CHLORIDE	UTIL	UTILITY
CTR	CENTER	HVAC	HEATING, VENTILATING, AIR CONDITIONING	Q	QUARRY TILE	VAR	VARIABLES
DEMO	DEMOLISH / DEMOLITION	IBC	INTERNATIONAL BUILDING CODE	QTY	QUANTITY	VCT	VINYL COMPOSITION TILE
DET	DETAIL	IMP	INSULATED METAL PANEL	R	RADIUS / RISER / THERMAL RESISTANCE	VERT	VERTICAL
DF	DRINKING FOUNTAIN	IN	INCH			VEST	VESTIBULE
DH	DOUBLE HUNG	INCL	INCLUDING / INCLUDED			VIF	VERIFY IN FIELD
DIA	DIAMETER	INSUL	INSULATION / INSULATED			W	WITH
DIAG	DIAGONAL	INT	INTERIOR			WO	WITHOUT
DIFF	DIFFUSER	INV	INVERT			WC	WATER CLOSET
DIM	DIMENSION					WD	WOOD
						WL	WIND LOAD

CONSTRUCTION DOCUMENTS
MAY 16, 2023



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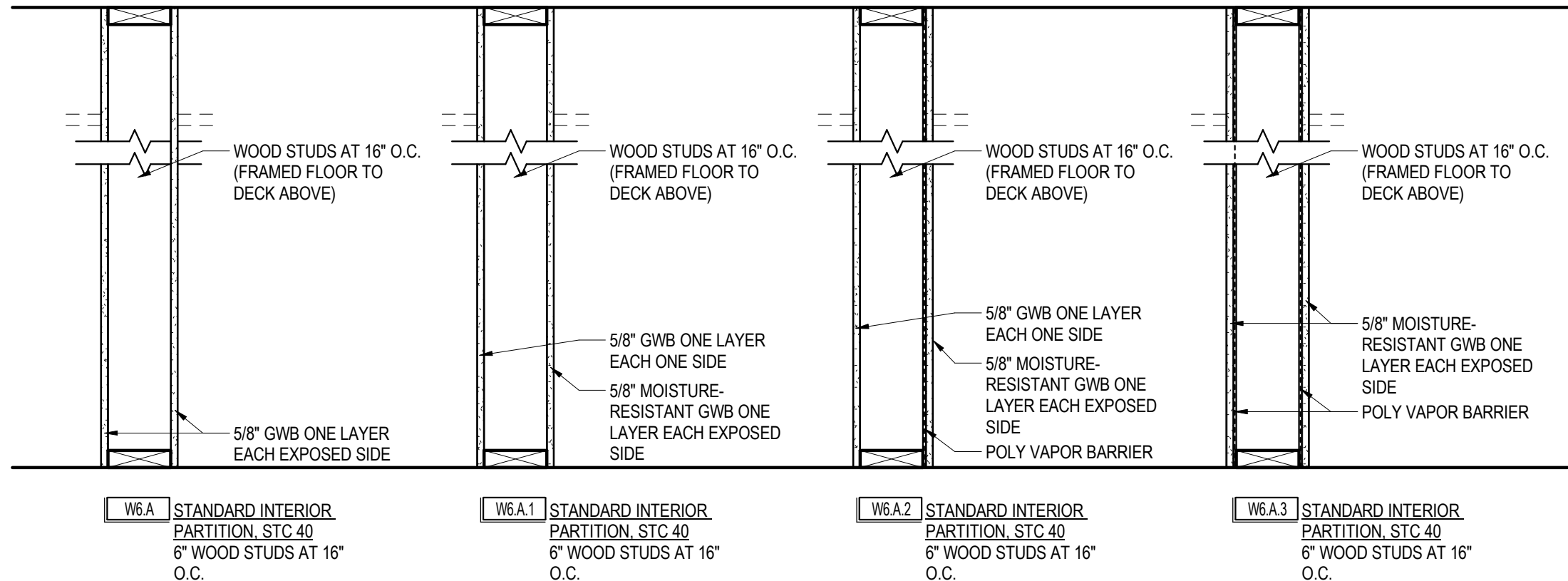
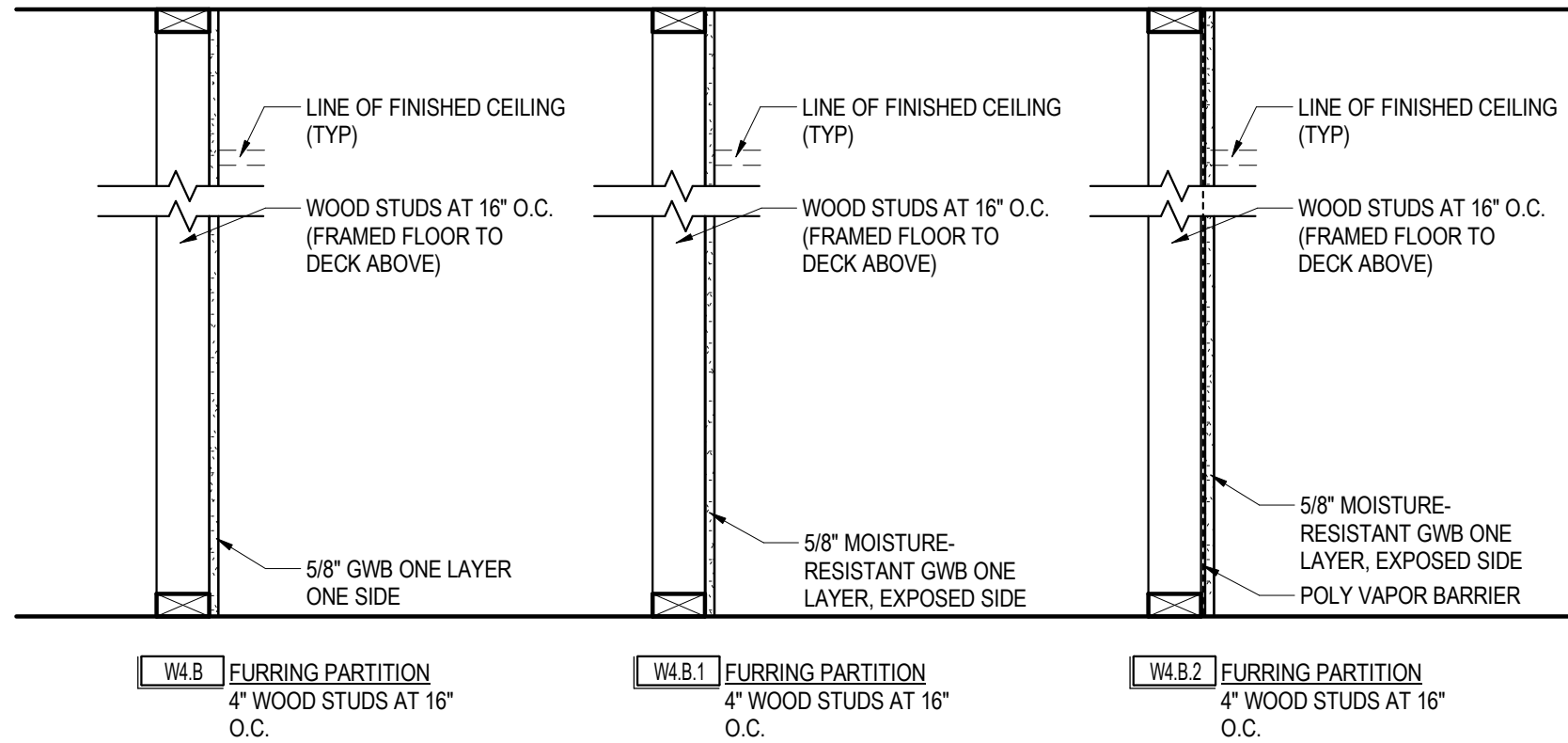
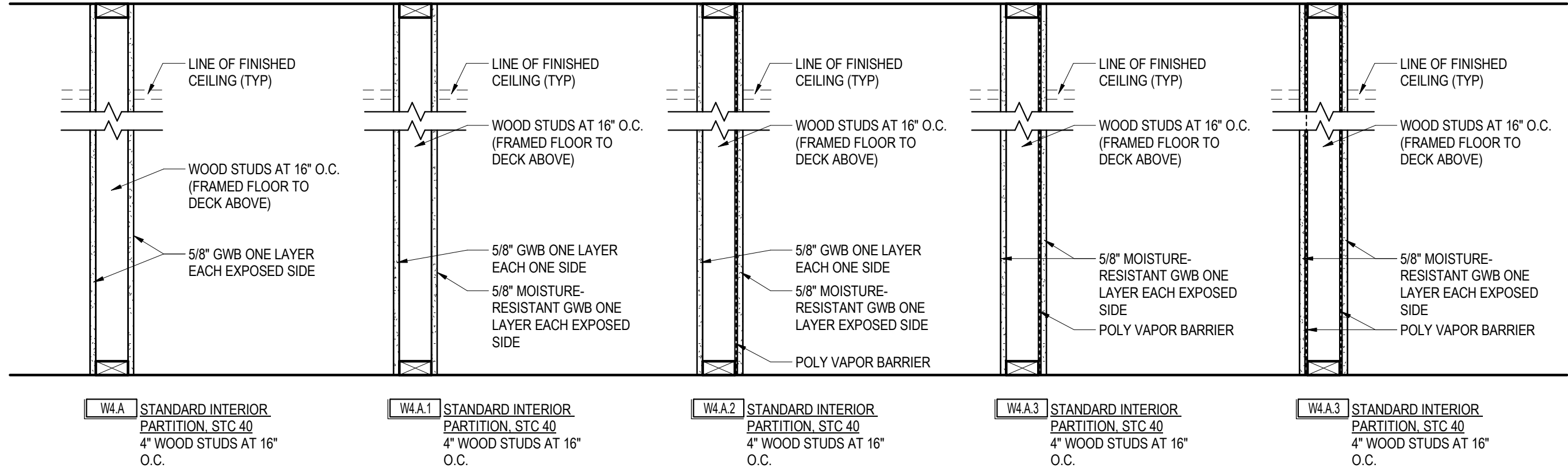
Project Address: CANALSIDE
44 PRIME ST.
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Drawing History: # Date Description

Project Status: CONSTRUCTION DOCUMENTS

Date: MAY 16, 2023
Project Number: 23007
Sheet Title: WALL TYPES & GENERAL CONSTRUCTION NOTES

Sheet Number: G002

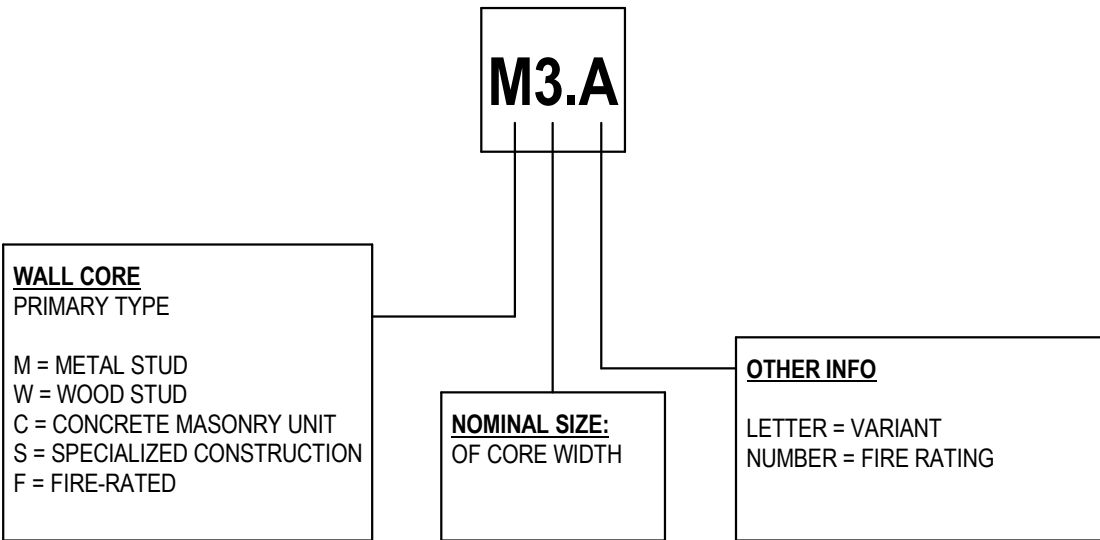


1 Wall Types

1" = 1'-0"

WALL TAGS

* HOW TO READ THE WALL TAGS



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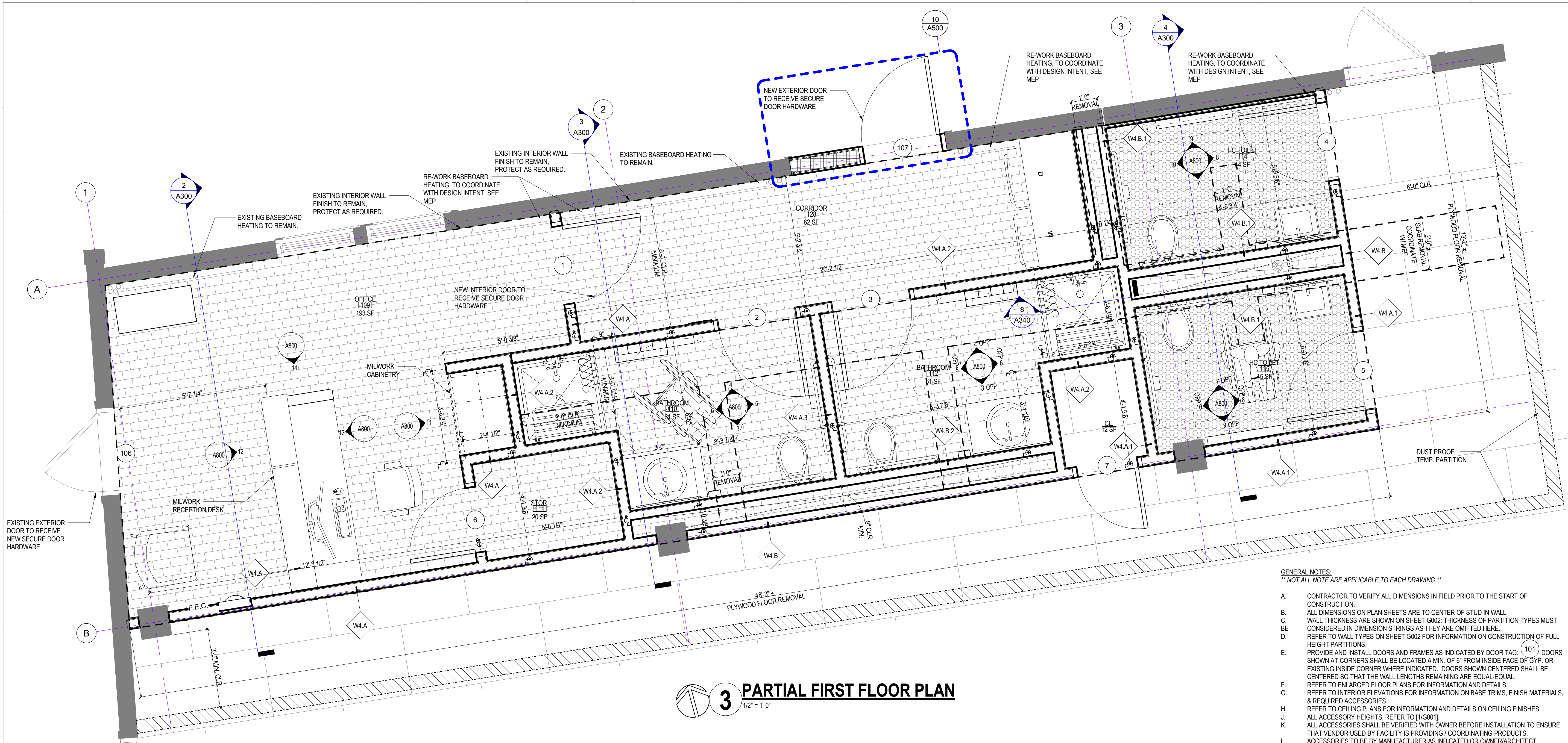
Project Status: **CONSTRUCTION DOCUMENTS**

Date: MAY 16, 2023

Project Number: 23007

Sheet Title: **FLOOR PLANS**

Sheet Number: **A100**

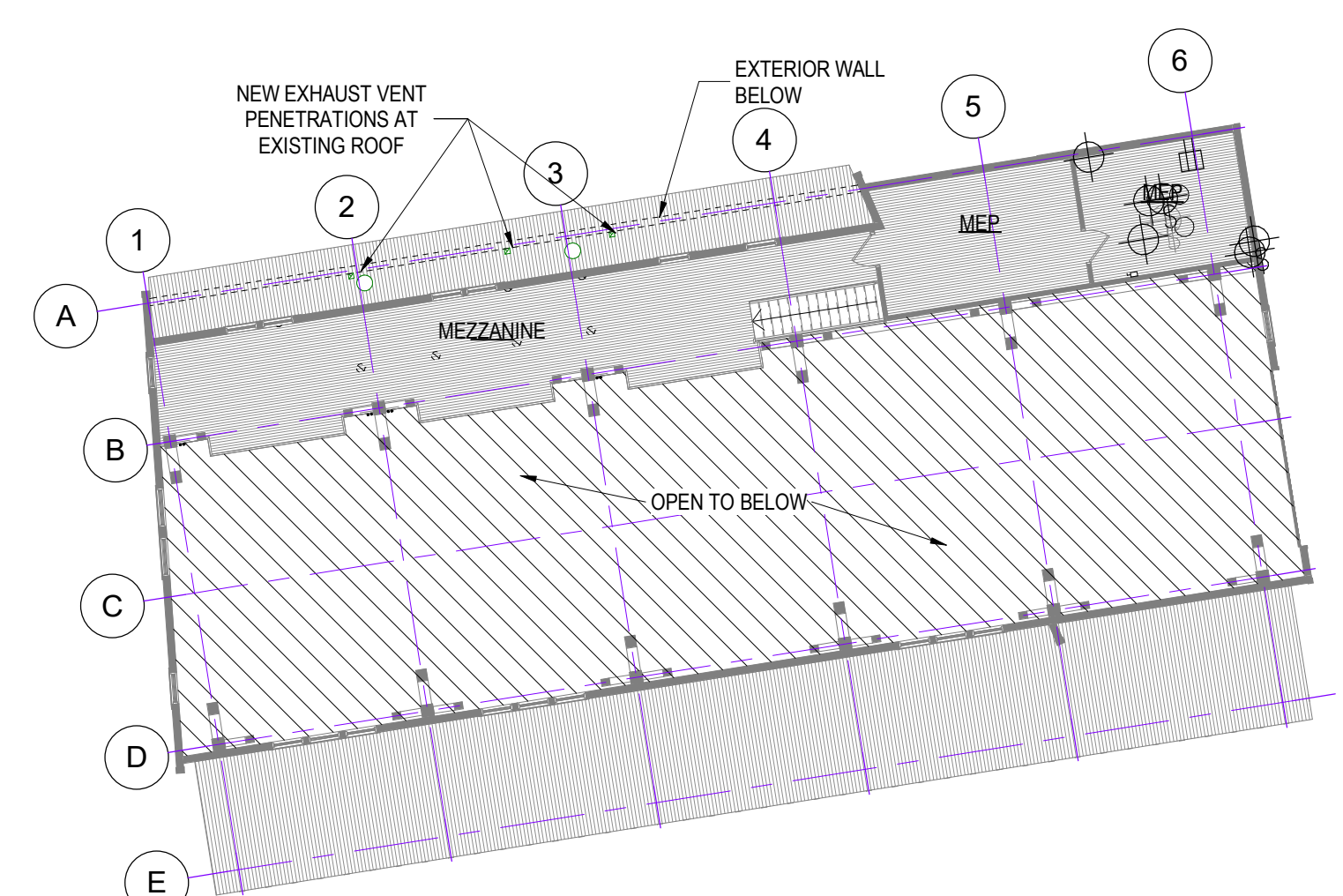


GENERAL NOTES:
** NOT ALL NOTE ARE APPLICABLE TO EACH DRAWING **

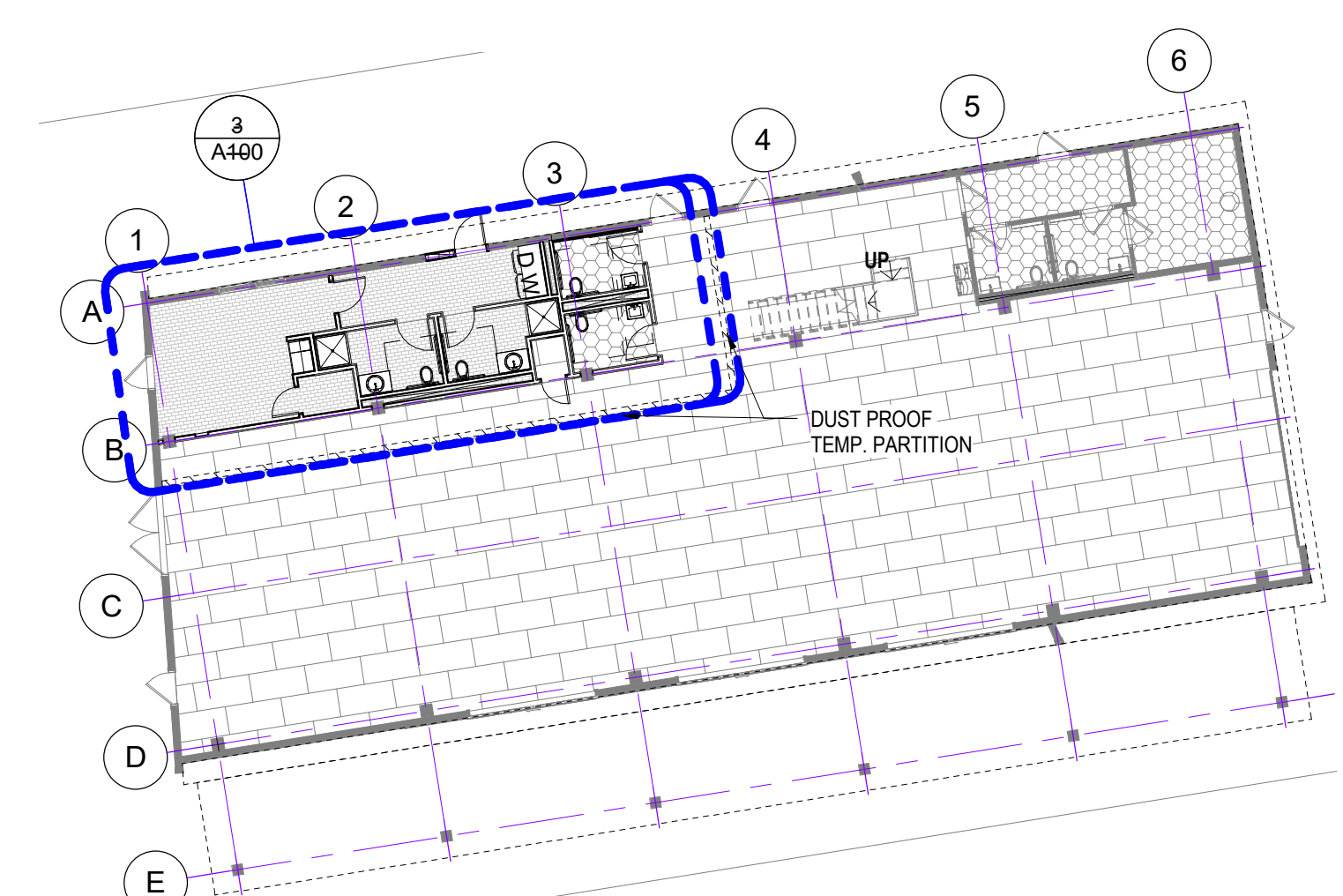
- CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO THE START OF CONSTRUCTION.
- ALL DIMENSIONS ON PLAN SHEETS ARE TO CENTER OF STUD IN WALL.
- WALL THICKNESS ARE SHOWN ON SHEET G002. THICKNESS OF PARTITION TYPES MUST BE CONSIDERED IN DIMENSION STRINGS AS THEY ARE OMITTED HERE.
- REFER TO WALL TYPES ON SHEET G002 FOR INFORMATION ON CONSTRUCTION OF FULL HEIGHT PARTITIONS.
- PROVIDE AND INSTALL DOORS AND FRAMES AS INDICATED BY DOOR TAG. (101) DOORS SHOWN AT CORNERS SHALL BE LOCATED A MIN. OF 8" FROM INSIDE FACE OF CYP. OR EXISTING INSIDE CORNER WHERE INDICATED. DOORS SHOWN CENTERED SHALL BE CENTERED SO THAT THE WALL LENGTHS REMAINING ARE EQUAL-EQUAL.
- REFER TO ENLARGED FLOOR PLANS FOR INFORMATION AND DETAILS.
- REFER TO INTERIOR ELEVATIONS FOR INFORMATION ON BASE TRIMS, FINISH MATERIALS, & REQUIRED ACCESSORIES.
- REFER TO CEILING PLANS FOR INFORMATION AND DETAILS ON CEILING FINISHES.
- ALL ACCESSORY HEIGHTS, REFER TO [1]G001.
- ALL ACCESSORIES SHALL BE VERIFIED WITH OWNER BEFORE INSTALLATION TO ENSURE THAT VENDOR USED BY FACILITY IS PROVIDING / COORDINATING PRODUCTS. ACCESSORIES TO BE BY MANUFACTURER AS INDICATED OR OWNER/ARCHITECT APPROVED EQUAL.
- ALL EXPOSED MEP EQUIPMENT & HARDWARE TO MATCH EXISTING FINISHES, UNLESS OTHERWISE DESIGNATED.
- CONTRACTOR TO INSPECT EXIST. CONCRETE SUBFLOOR CONDITION, REMOVE DAMAGED SUBSTRATES AS REQUIRED. INSTALL NEW SUBSTRATE PRIOR TO INSTALLATION OF NEW FLOOR FINISH.
- PROVIDE BUILDING SECURITY & DOOR ACCESS CONTROLS.
- PROVIDE ADA CONTROLS TO ALL DOORS INDICATED PER DOOR SCHEDULE ON [A500].
- ALL FURNITURE SHOWN IN DRAWINGS IS REPRESENTATIONAL AND N.I.C.

	PLY-X = EXISTING PLYWOOD		CWTF-X1 = (TO MATCH EXISTING)
	CWTF-X1 = (TO MATCH EXISTING)		CWTF-X2 = (TO MATCH EXISTING)
	CT-1 = 12"x24"		CT-2 = 12"x24"
	CT-2 = 12"x24"		CT-3
	CTB-1		PNT-1

ROOM FINISH KEY
1/4" = 1'-0"



2 MEZZANINE PLAN
1/16" = 1'-0"



1 A - FIRST FLOOR PLAN
1/16" = 1'-0"

REFLECTED CEILING PLAN LEGEND:

- EG

EXHAUST GRILLE (CEILING)
- SU

MECHANICAL SPLIT-SYSTEM
- NEW DRYWALL CEILING, TYPICAL
- EXIT

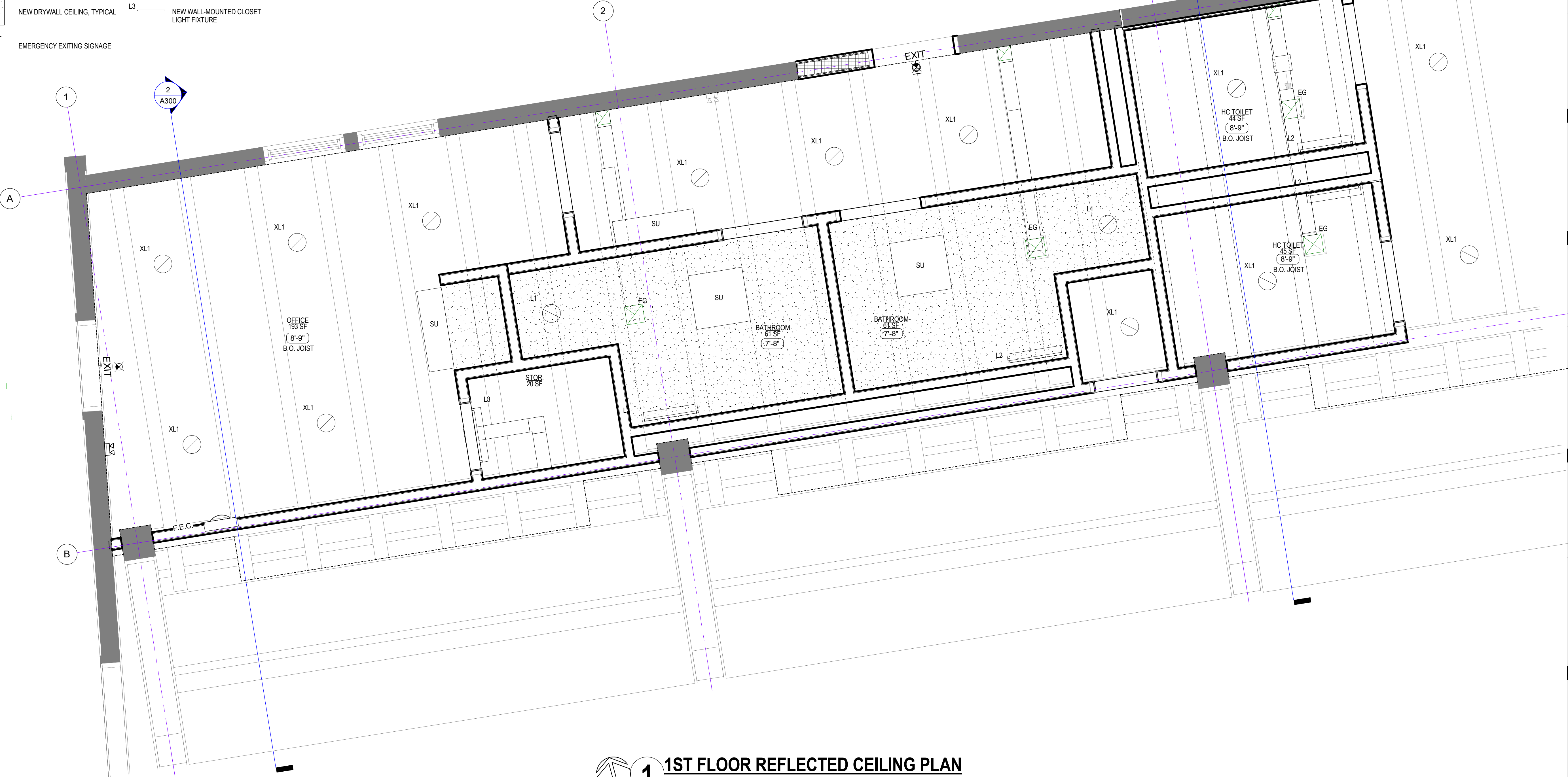
EMERGENCY EXITING SIGNAGE
- XL1

EXISTING DOWNLIGHT FIXTURE
- L1

NEW DOWNLIGHT FIXTURE
- L2

NEW VANITY LIGHT FIXTURE
- L3

NEW WALL-MOUNTED CLOSET LIGHT FIXTURE



1 1ST FLOOR REFLECTED CEILING PLAN
1/2" = 1'-0"



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Date: MAY 16, 2023
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Sheet Title: FIRST FLOOR REFLECTED CEILING PLAN

Sheet Number: A120



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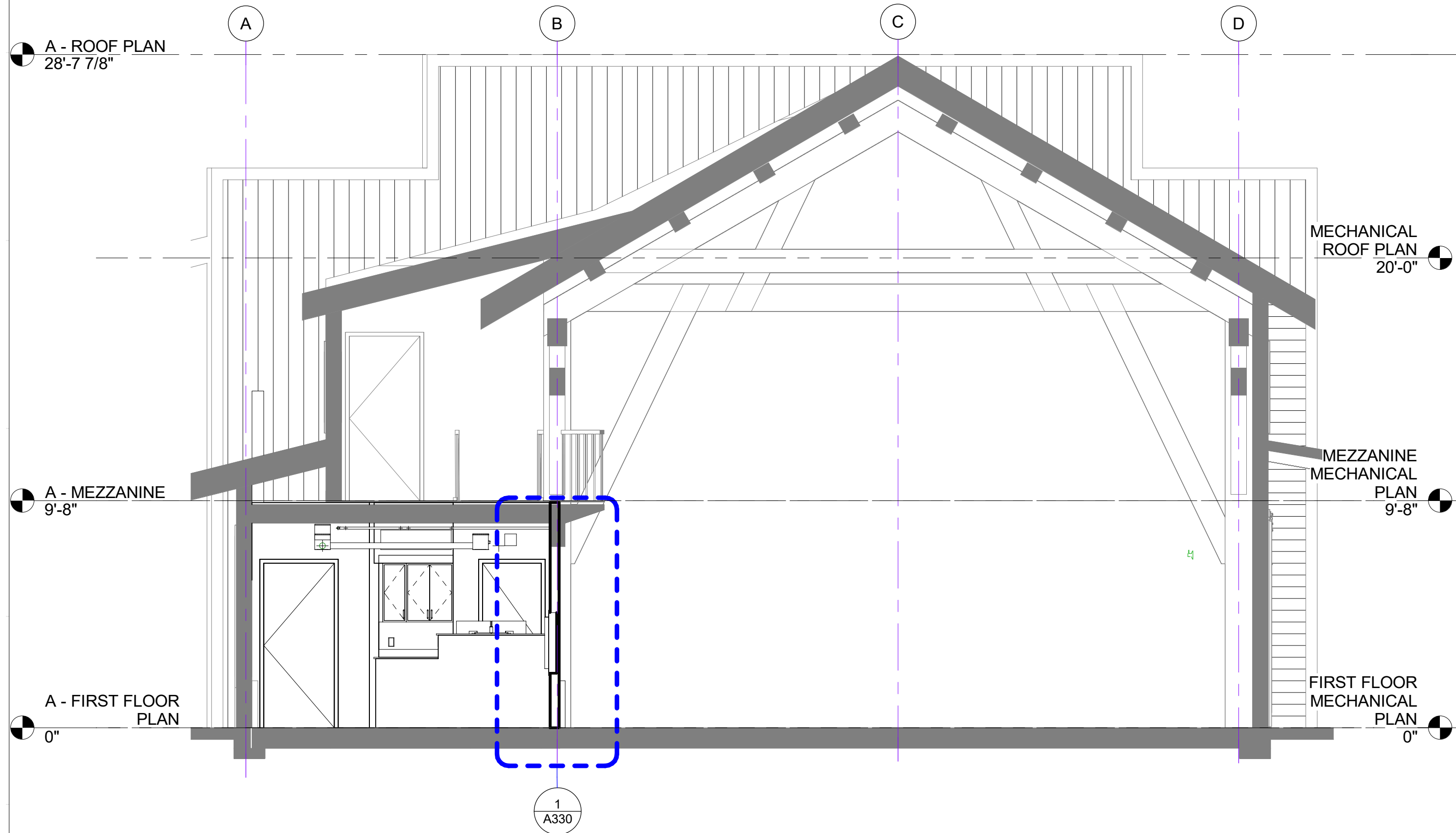
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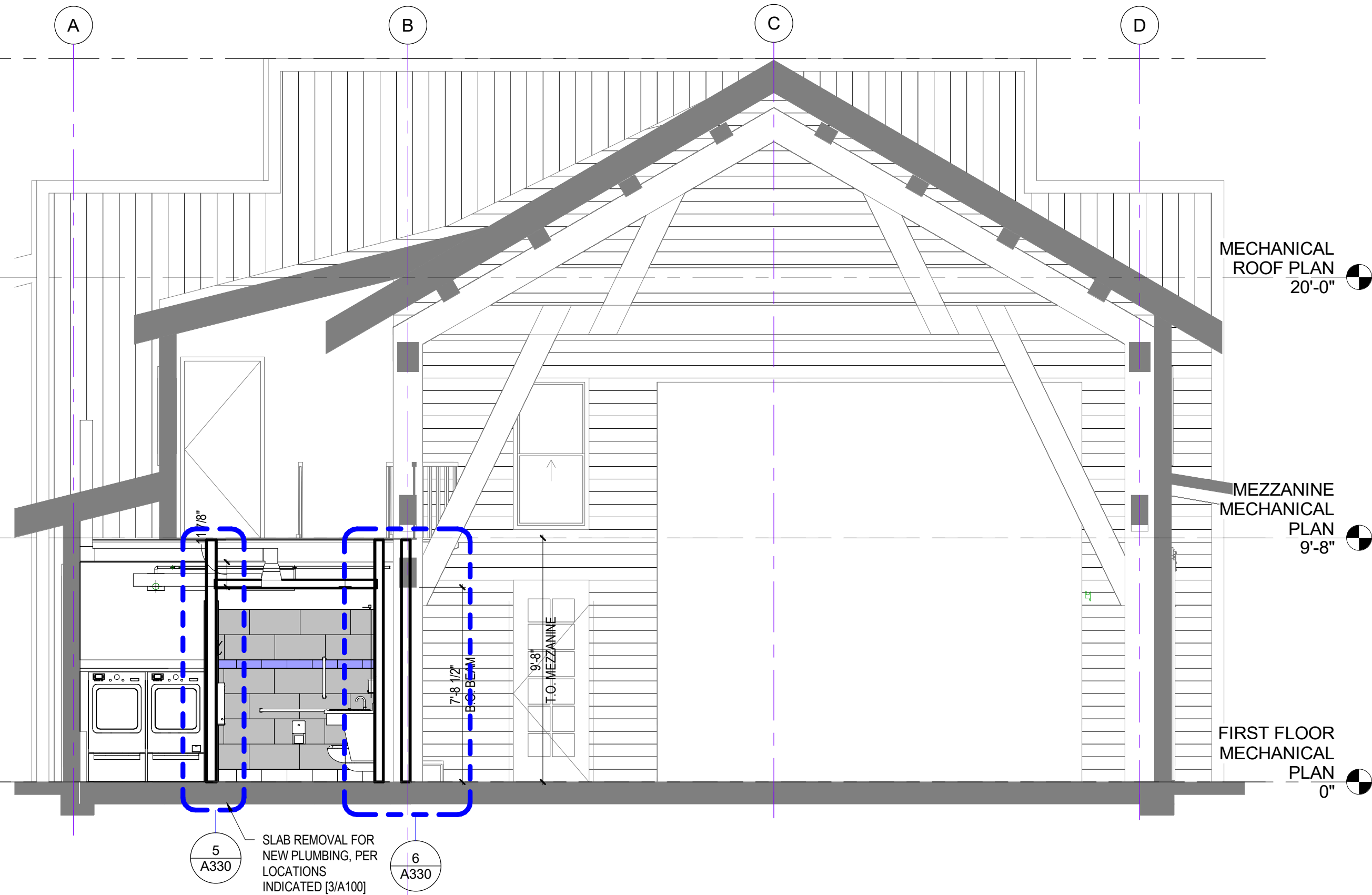
Drawing History: # Date Description

Project Status: CONSTRUCTION DOCUMENTS
Date: MAY 16, 2023
Project Number: 23007
Sheet Title: BUILDING SECTIONS

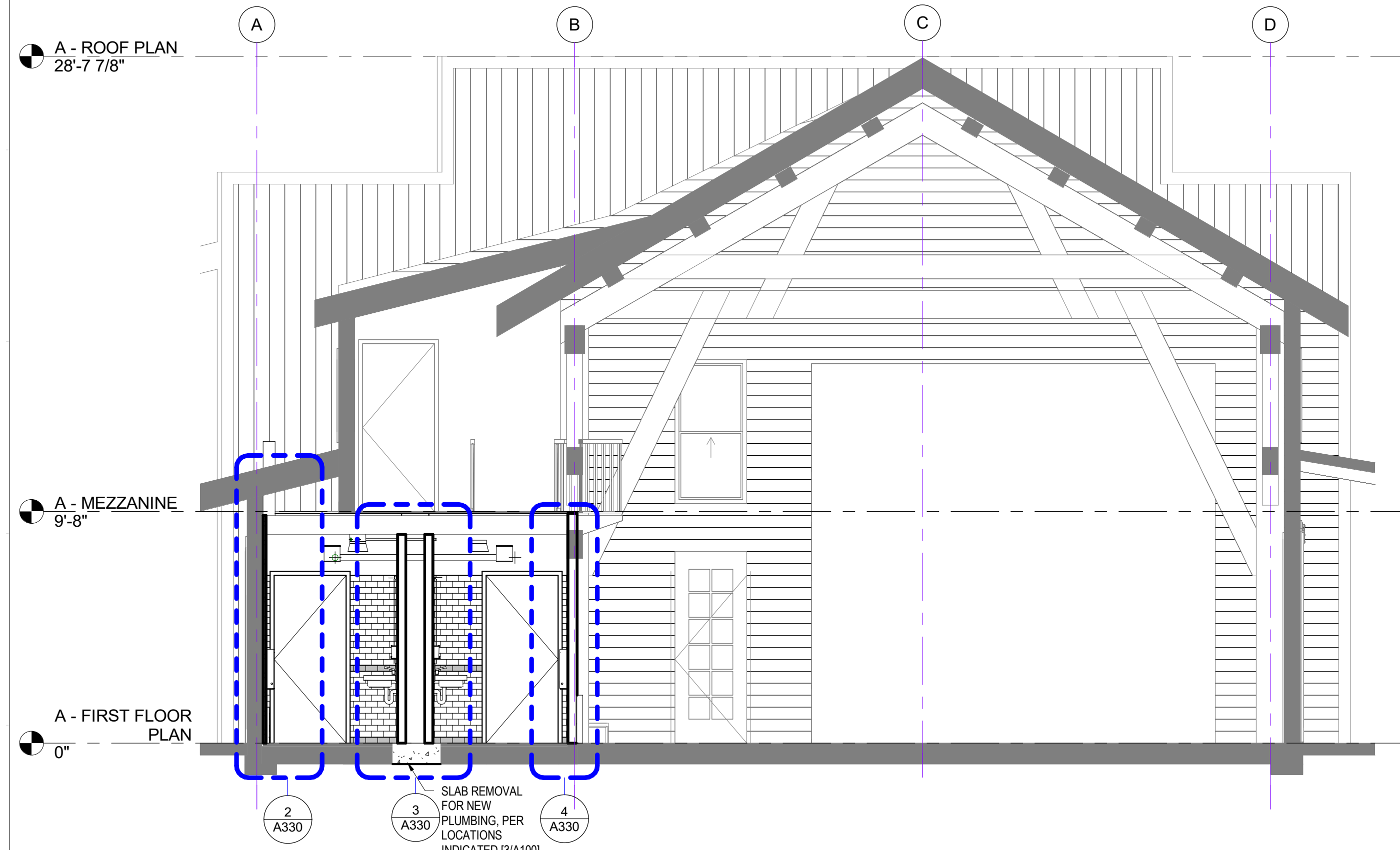
Sheet Number: A300



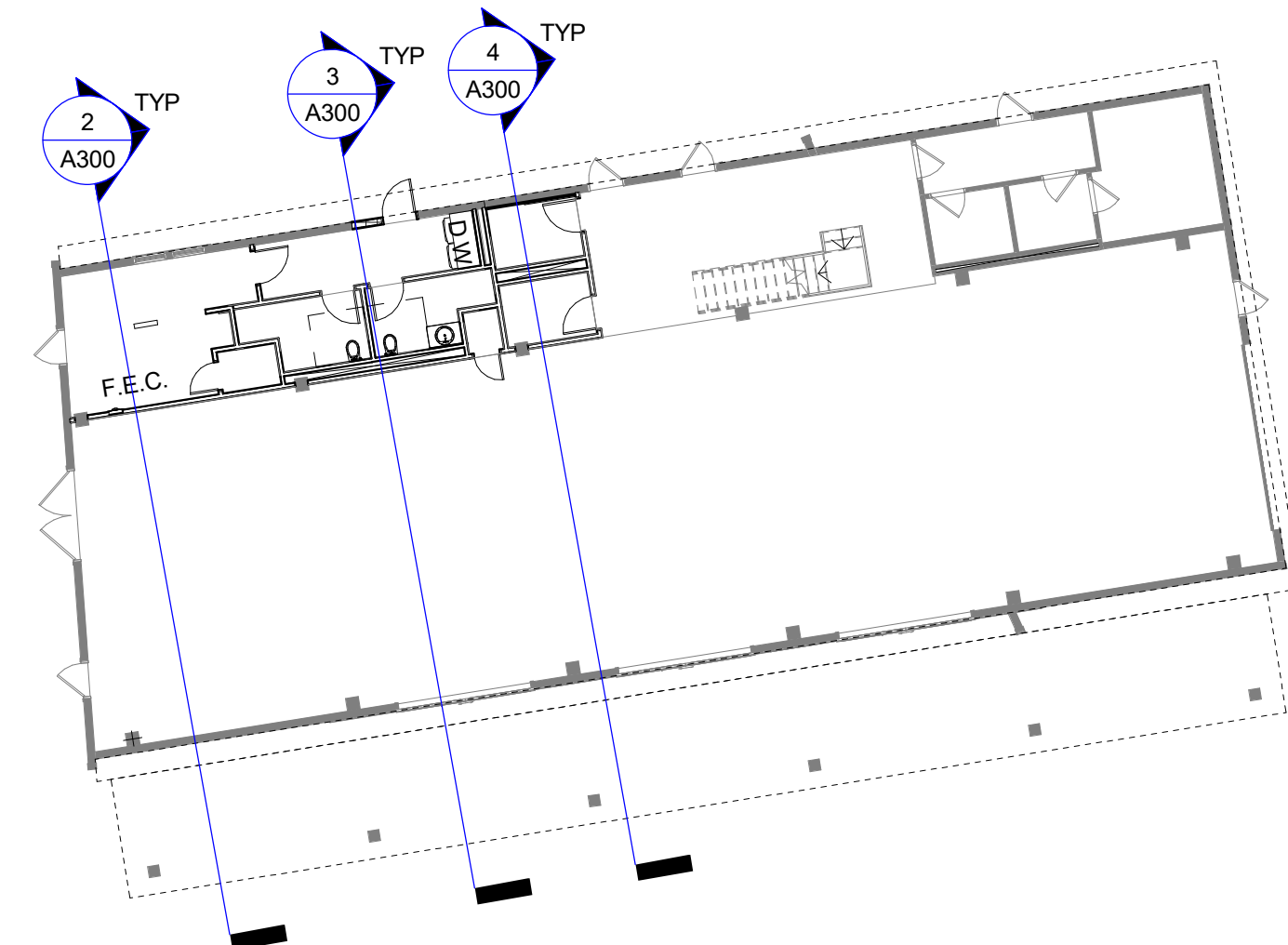
2 CROSS SECTION @ BUILD-OUT
1/4" = 1'-0"



3 CROSS SECTION @ BUILD-OUT BATHROOMS
1/4" = 1'-0"



4 CROSS SECTION @ BUILD-OUT TOILETS
1/4" = 1'-0"



1 KEY PLAN
1/16" = 1'-0"

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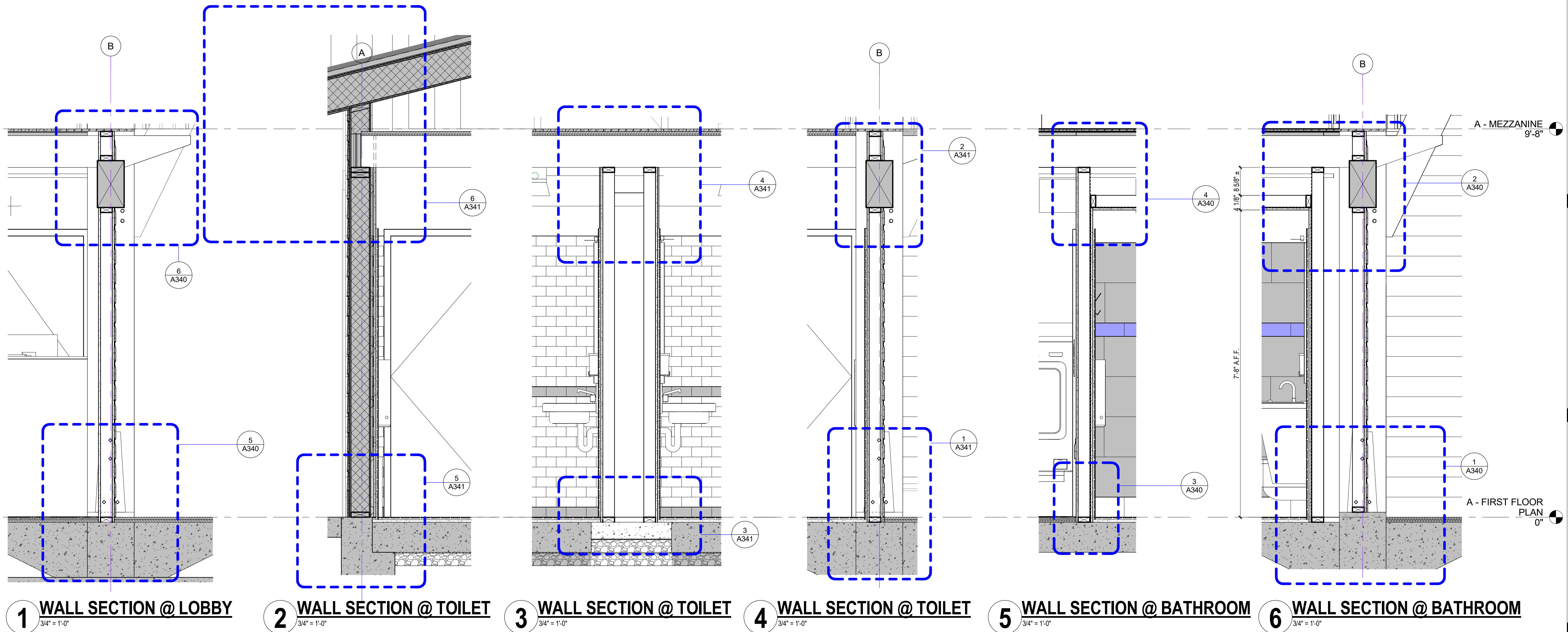
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Drawing History: # Date Description

Project Status: CONSTRUCTION DOCUMENTS

Date: MAY 16, 2023
Project Number: 23007
Sheet Title: WALL SECTIONS

Sheet Number: A330



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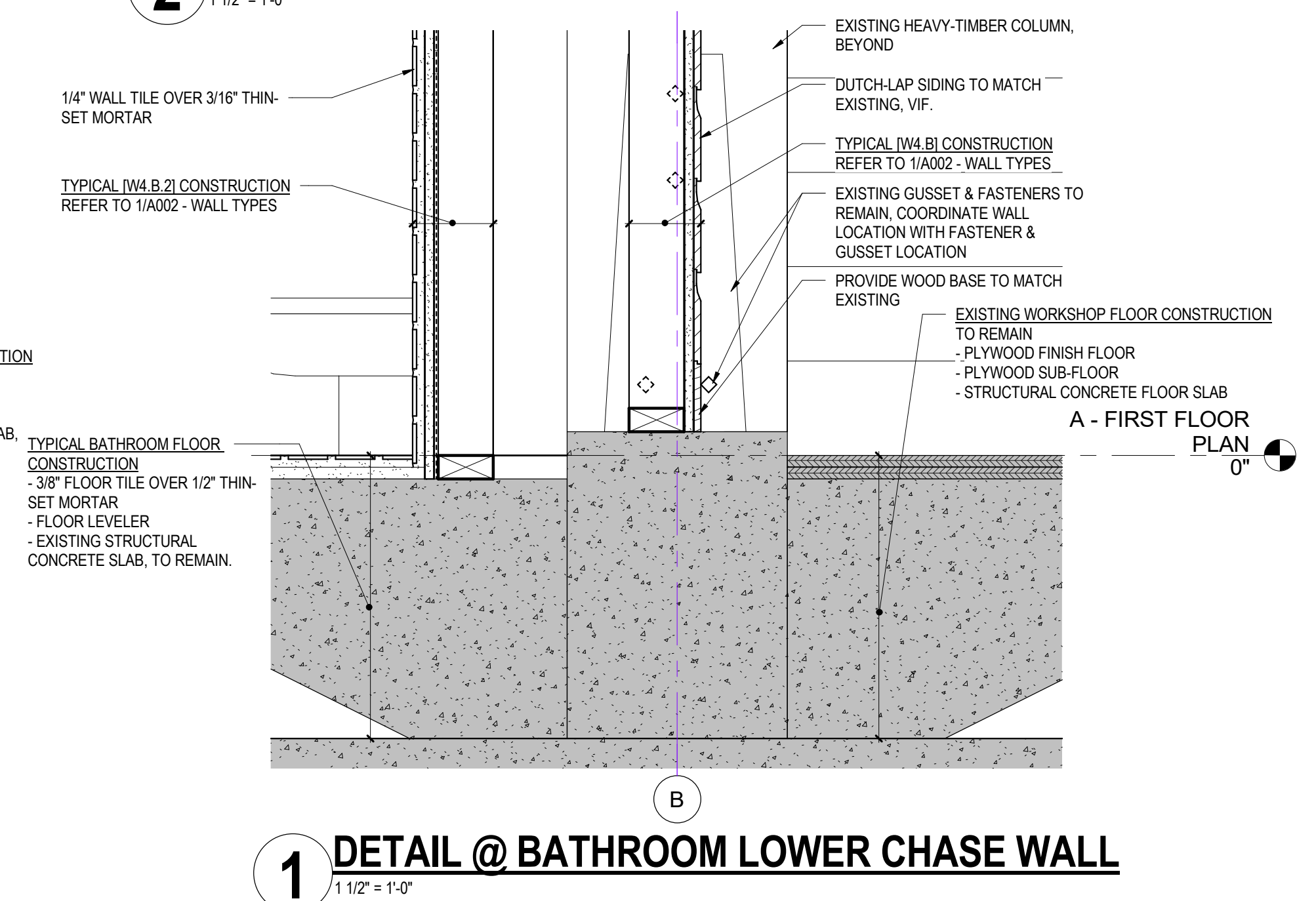
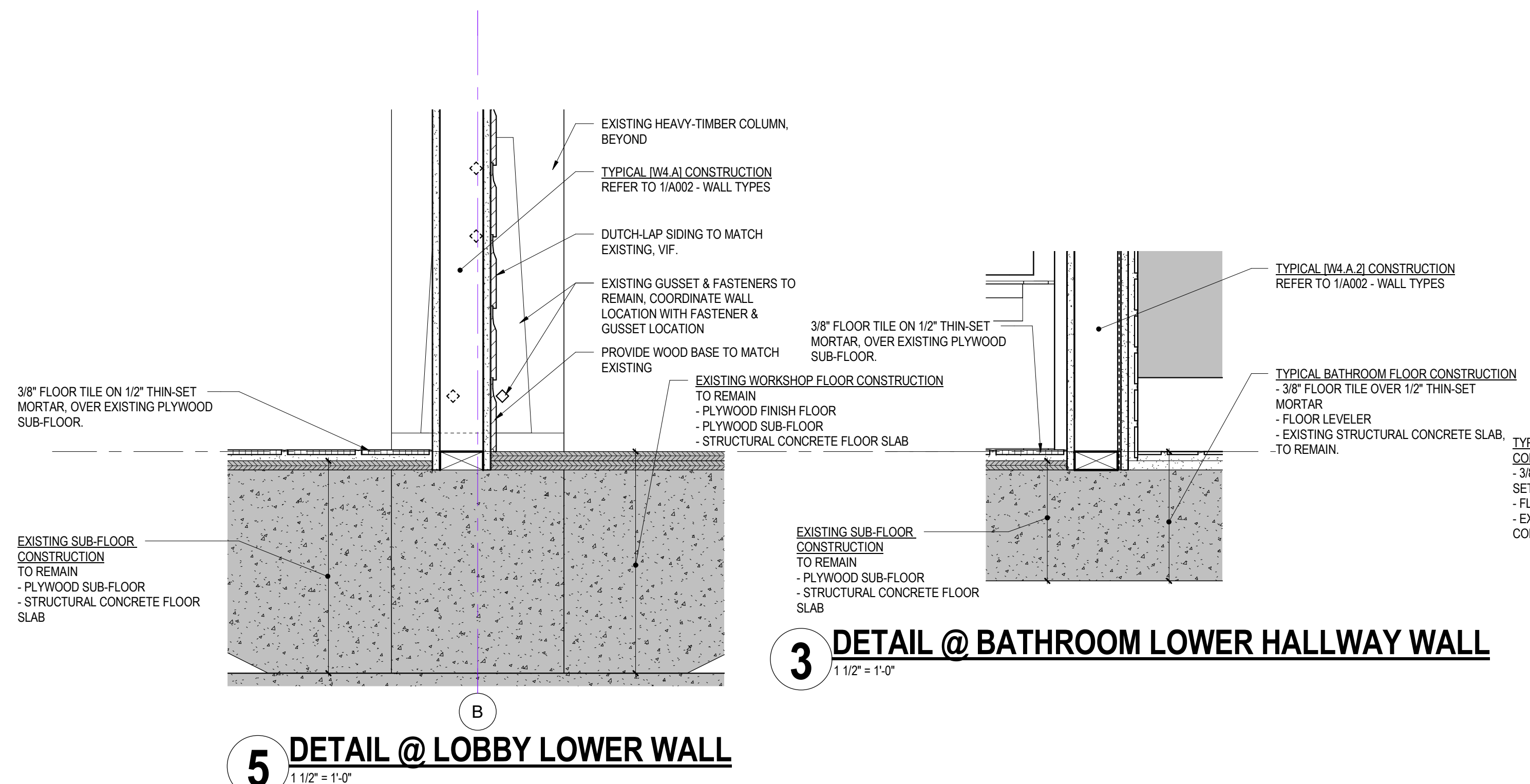
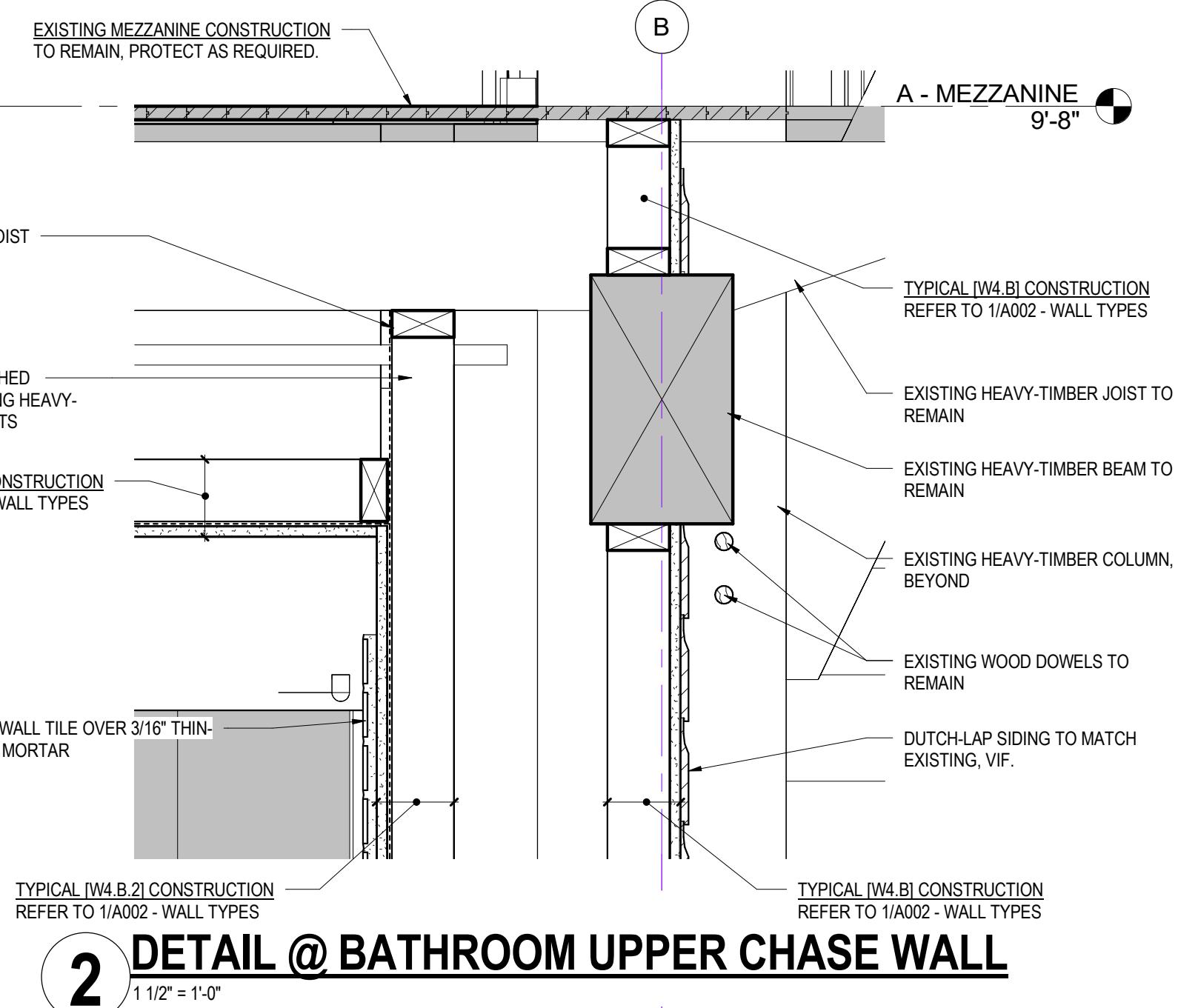
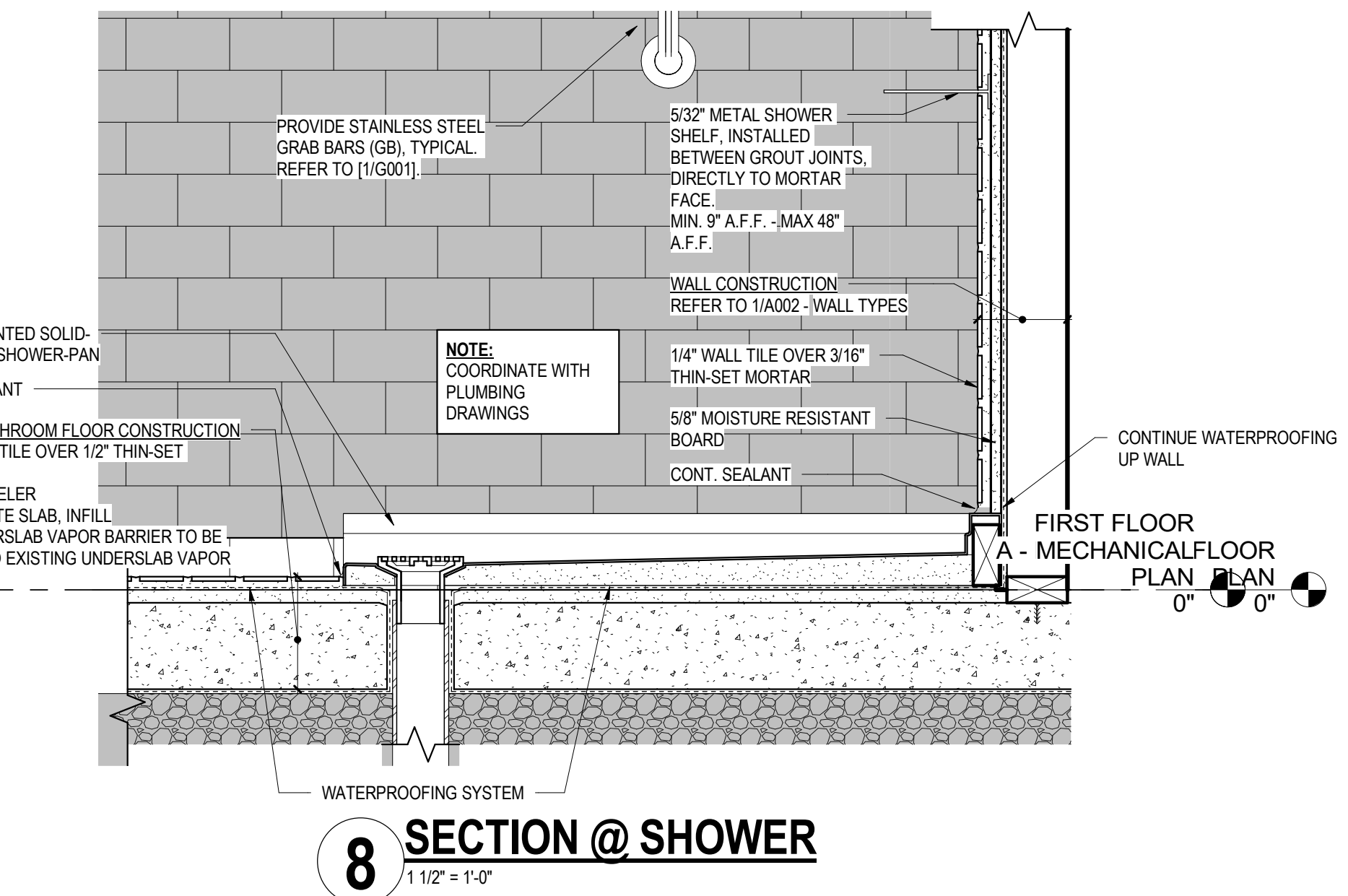
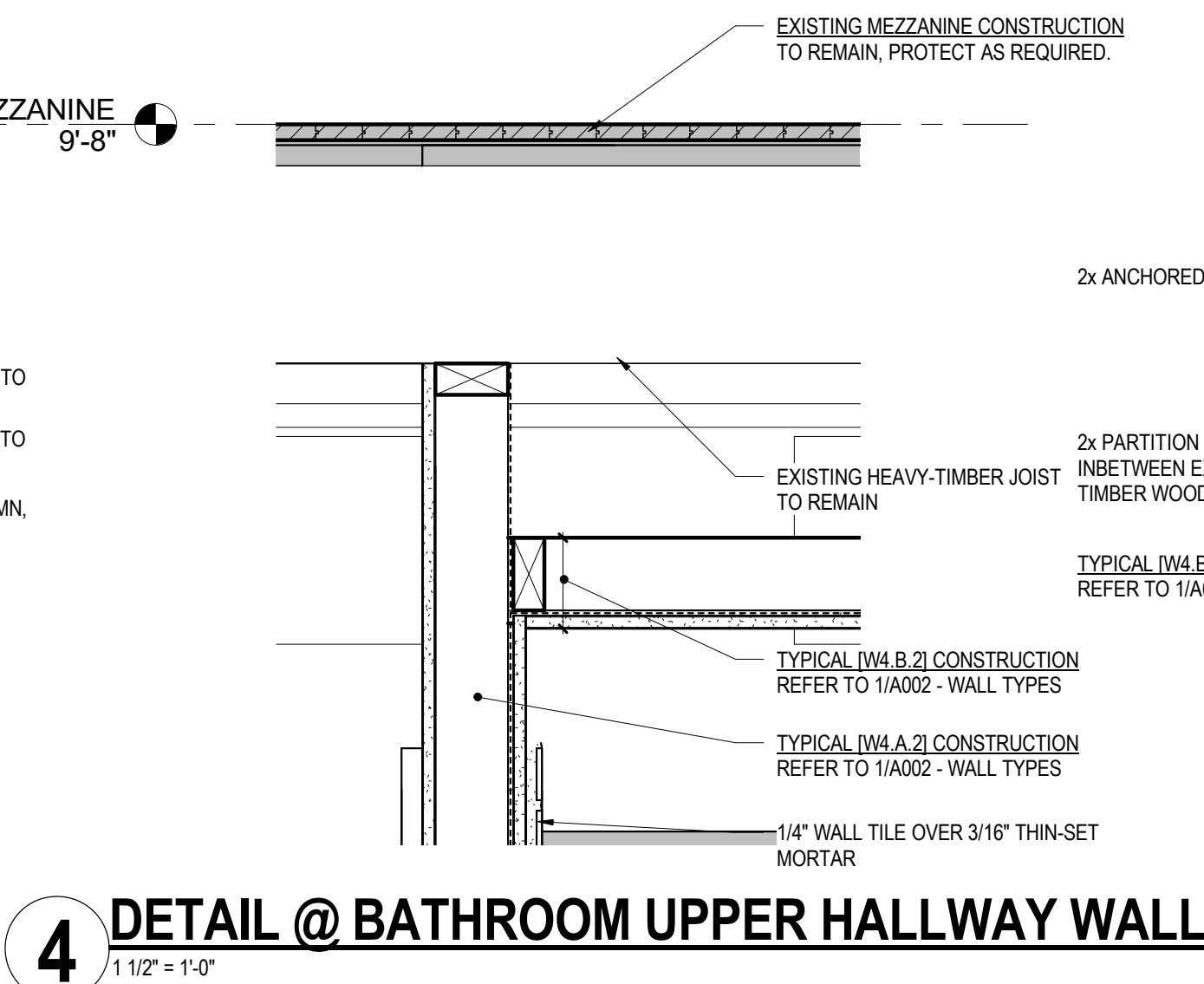
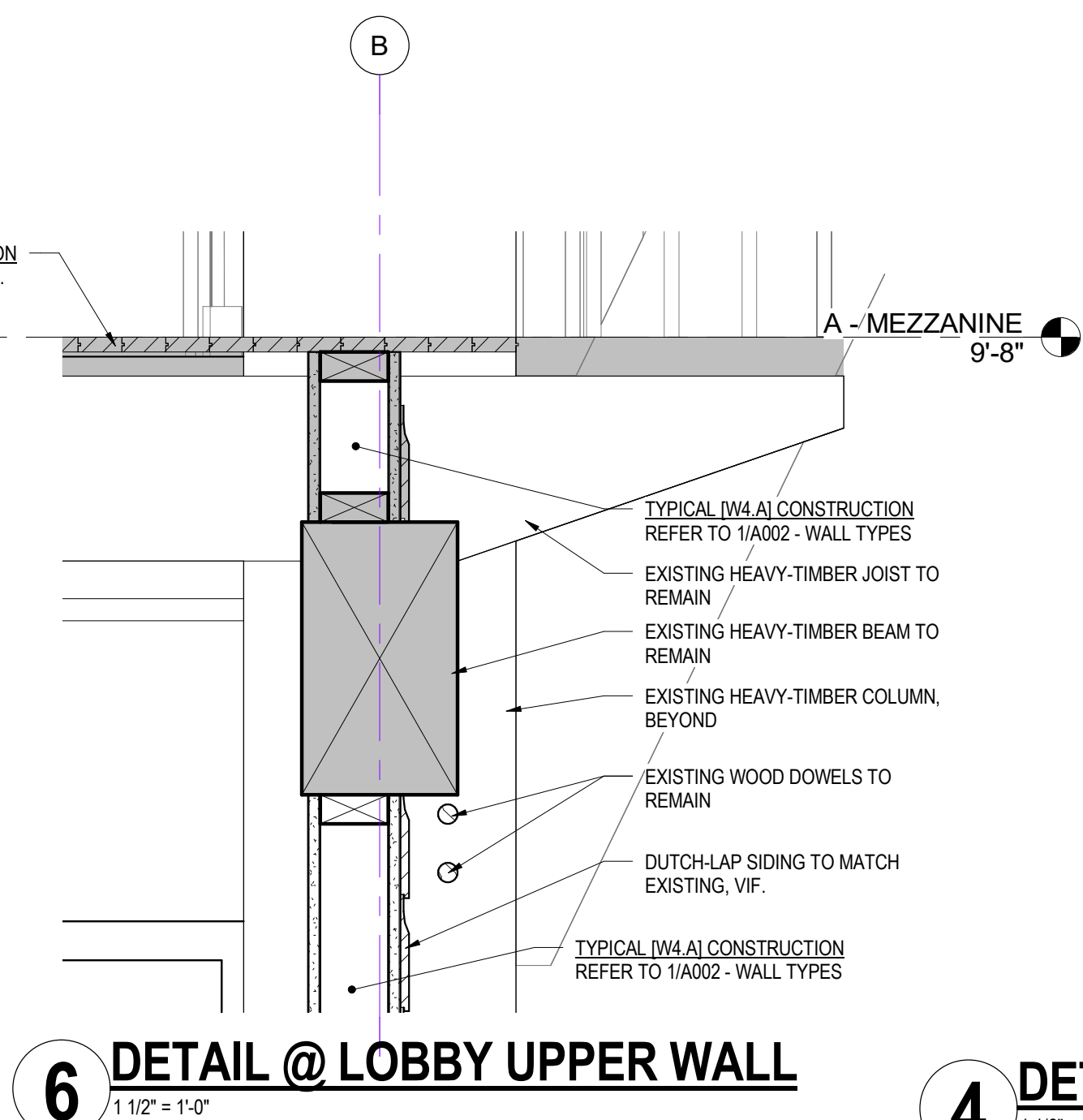
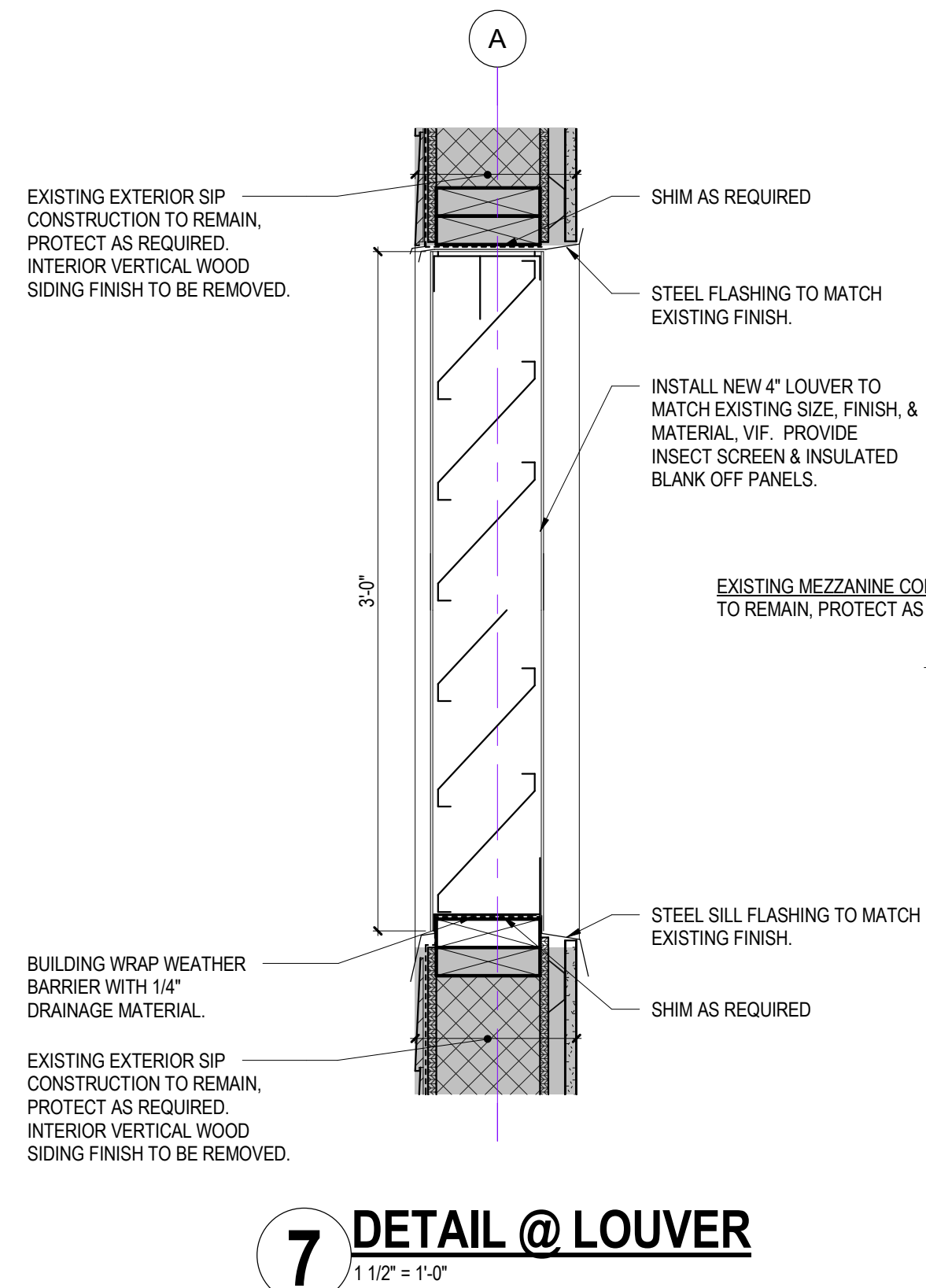
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Date: MAY 16, 2023

Project Number: 23007

Sheet Title: **SECTION DETAILS**

Sheet Number: **A340**



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Signature & Seal:



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Client: EMPIRE STATE DEVELOPMENT

Project: LONGSHED INTERIOR RENOVATIONS

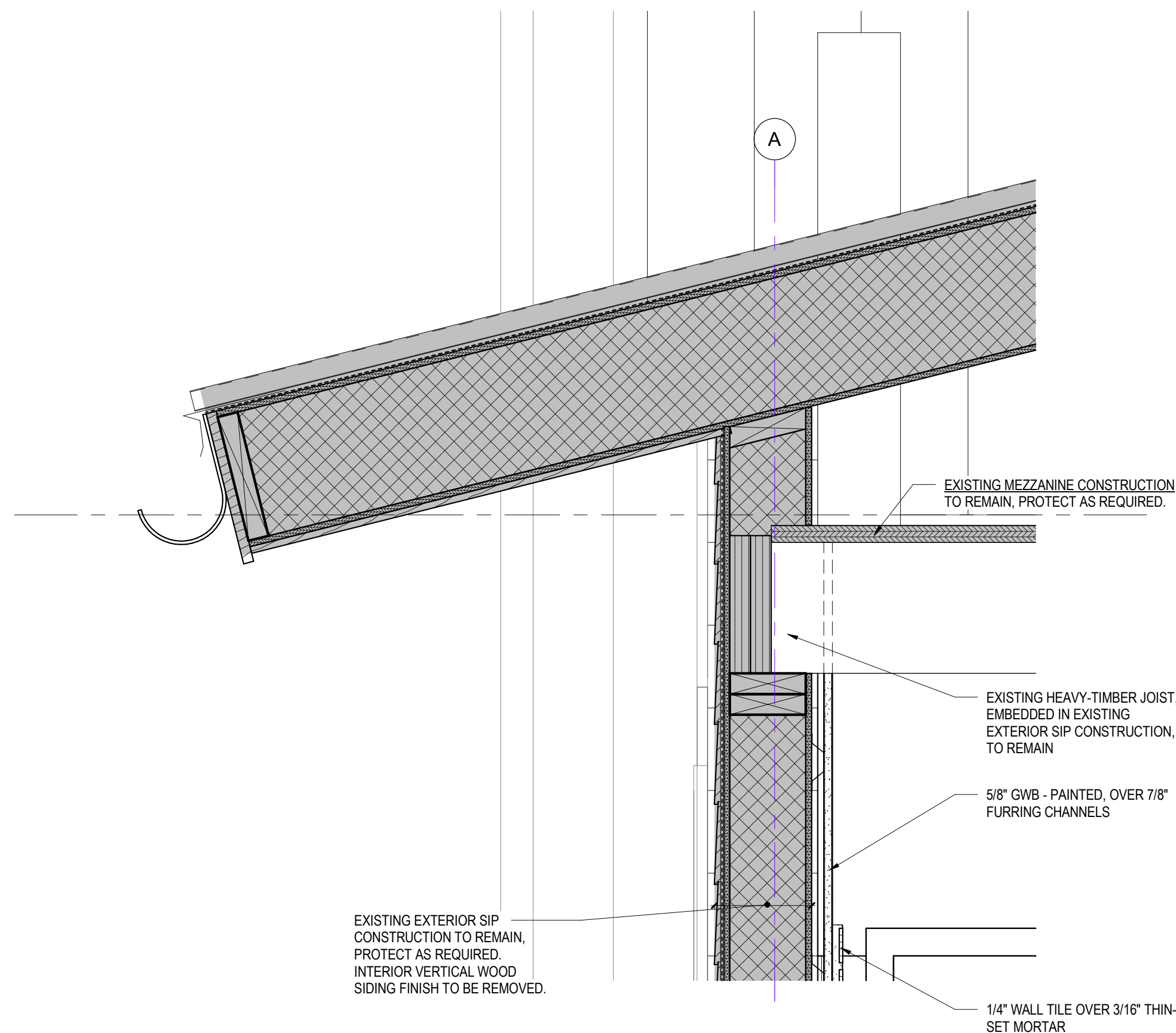
Project Address: CANALSIDE
44 PRIME ST.
BUFFALO, NY 14202

Drawing History: # Date Description

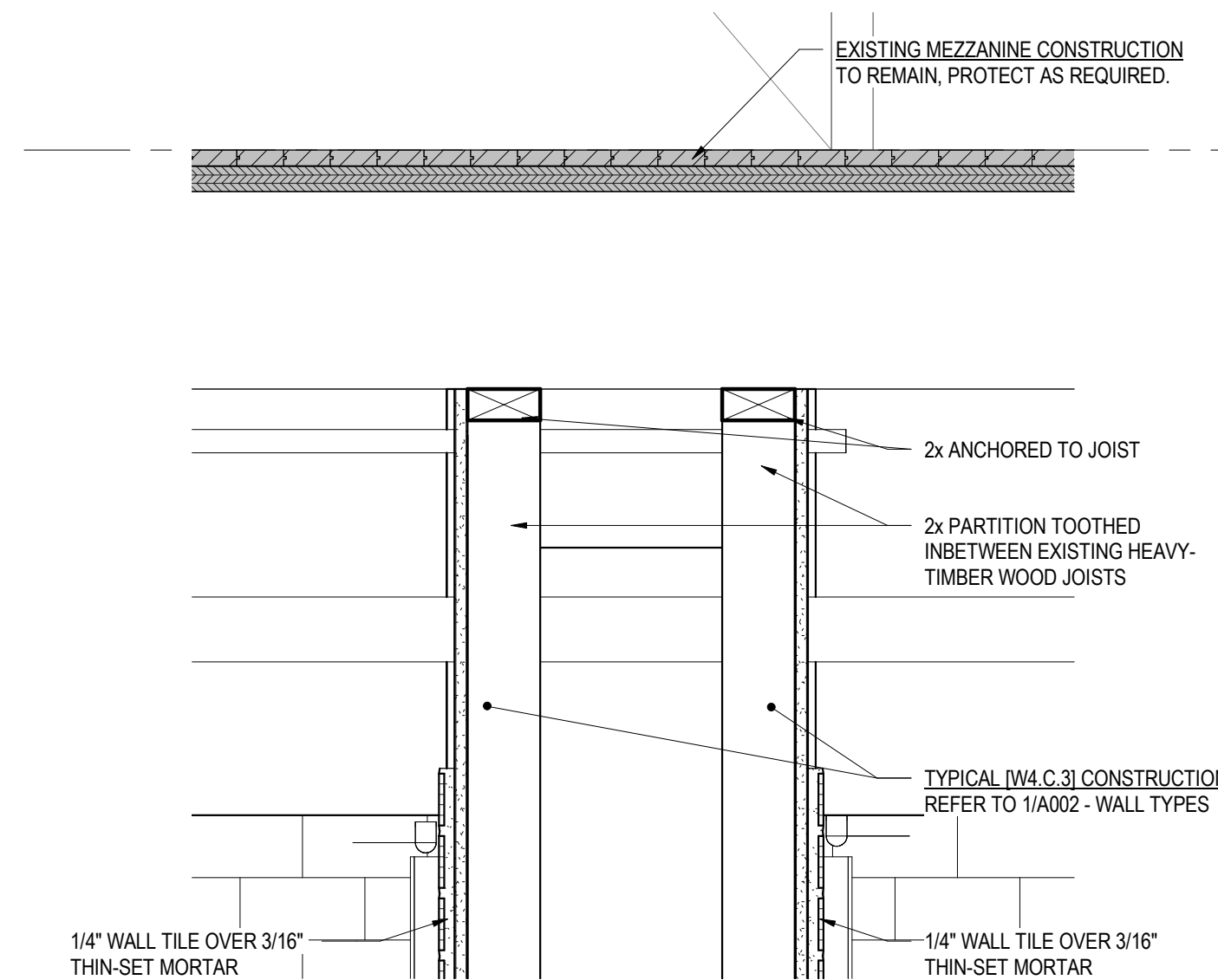
Project Status: CONSTRUCTION DOCUMENTS

Date: MAY 16, 2023
Project Number: 23007
Sheet Title: SECTION DETAILS

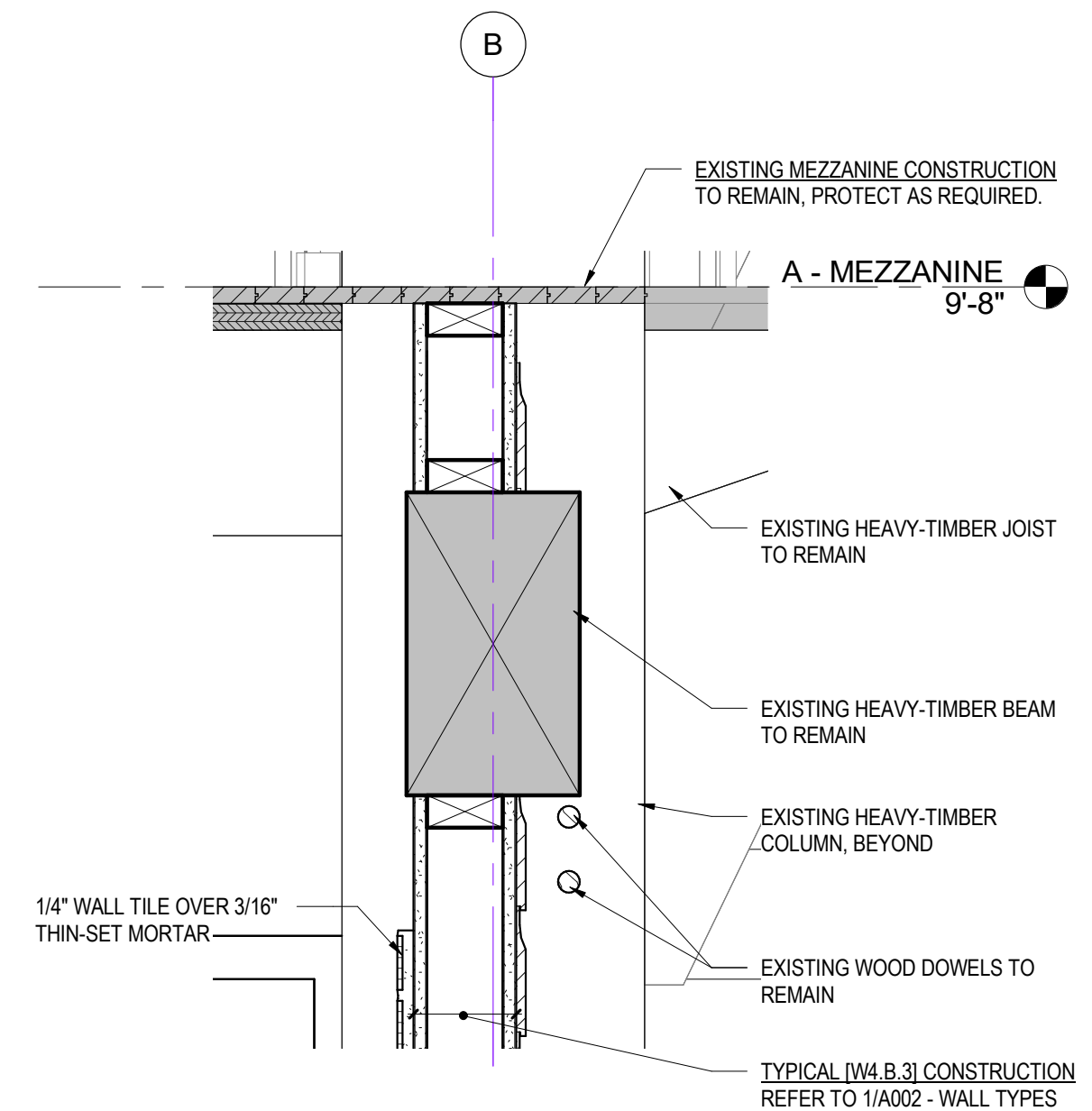
Sheet Number: A341



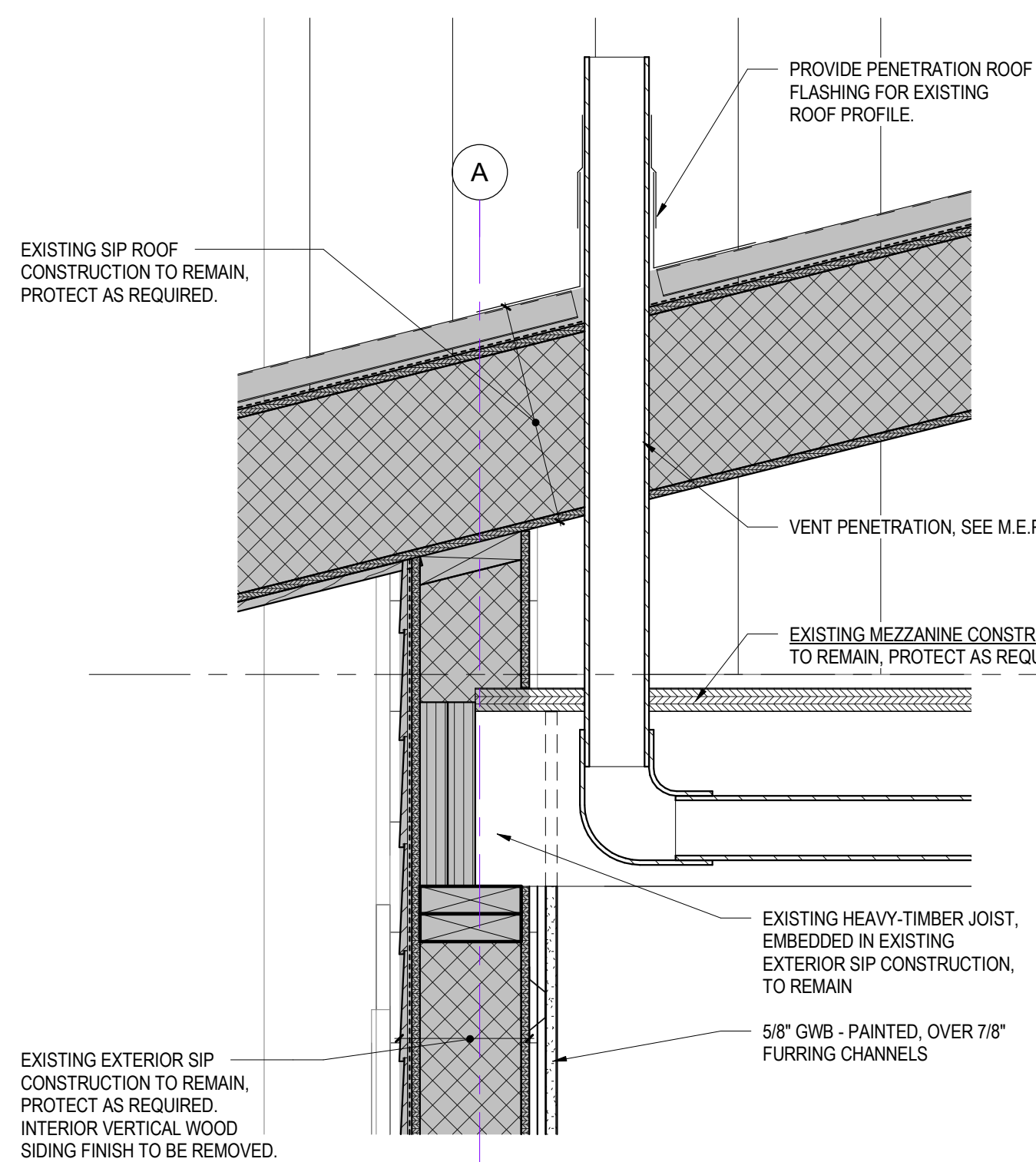
6 DETAIL @ TOILET UPPER EXTERIOR WALL
1 1/2" = 1'-0"



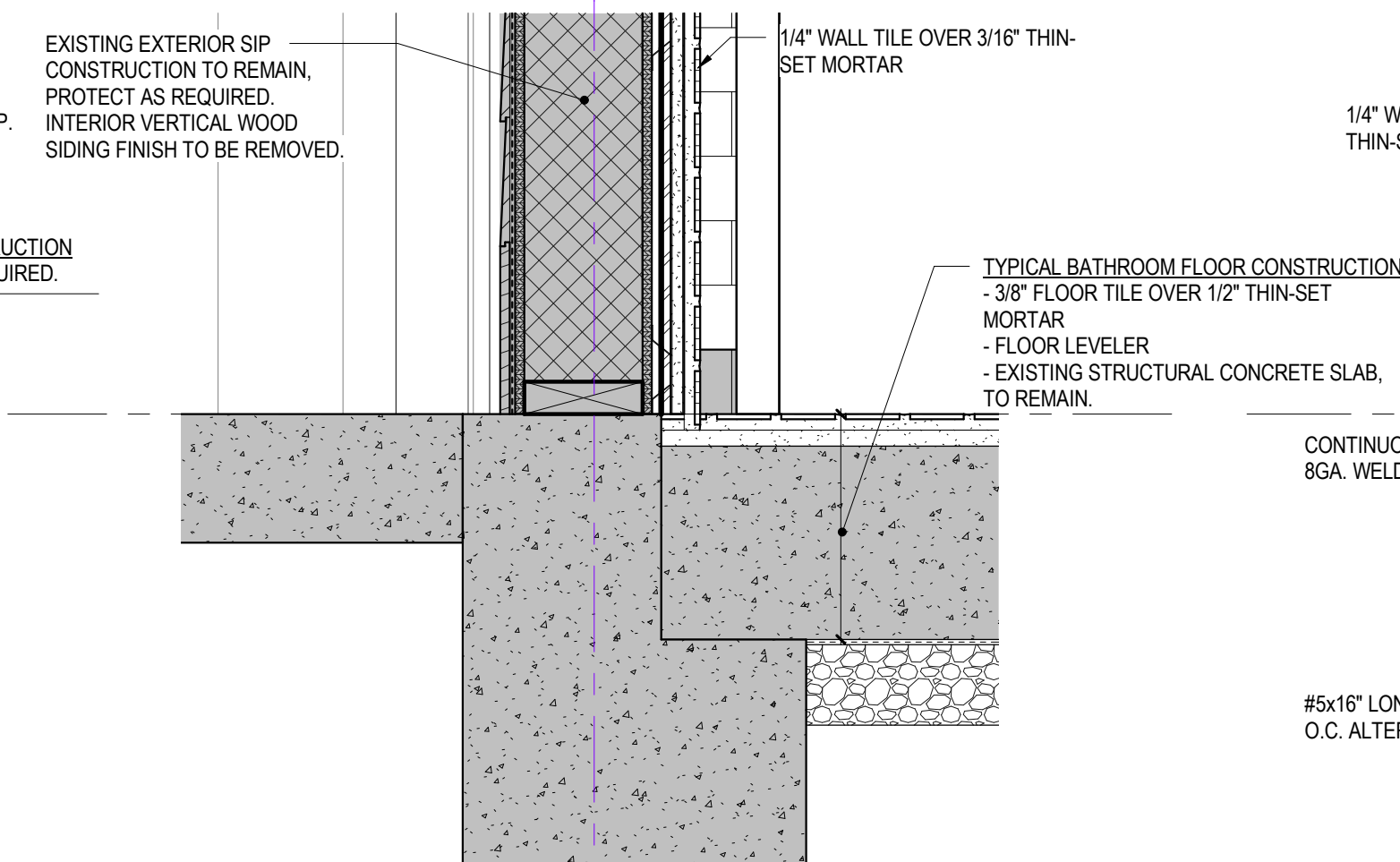
4 DETAIL @ TOILET UPPER CHASE WALL
1 1/2" = 1'-0"



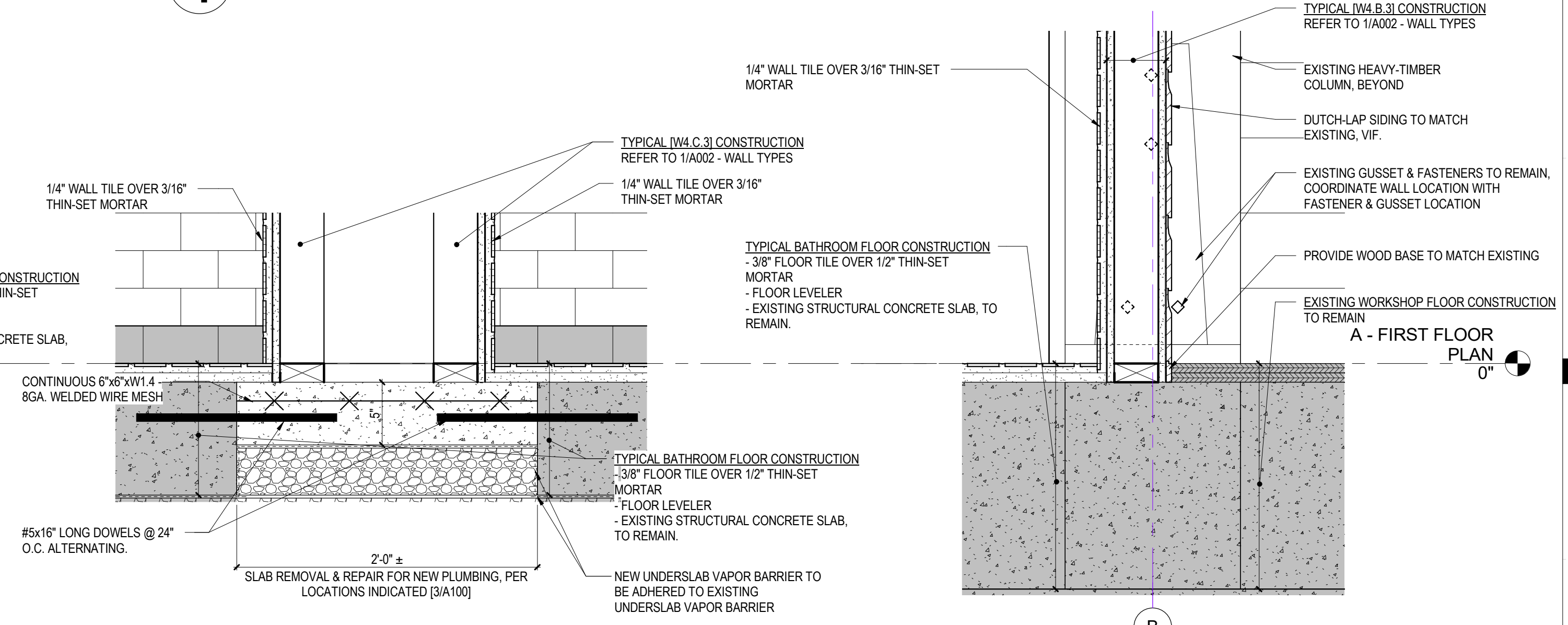
2 DETAIL @ TOILET UPPER WALL
1 1/2" = 1'-0"



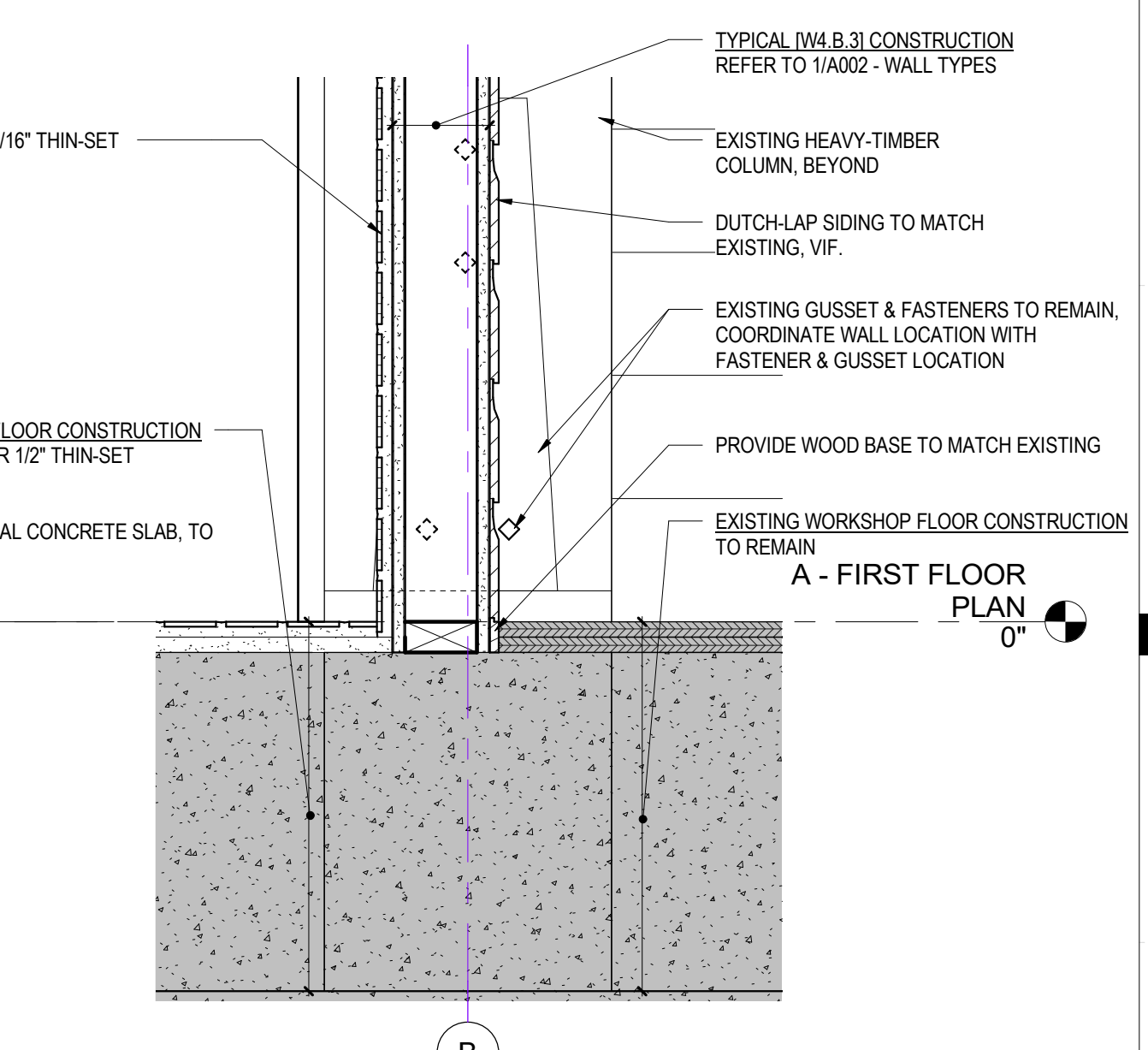
7 DETAIL @ VENT PENETRATION - TYPICAL
1 1/2" = 1'-0"



5 DETAIL @ TOILET LOWER EXTERIOR WALL
1 1/2" = 1'-0"

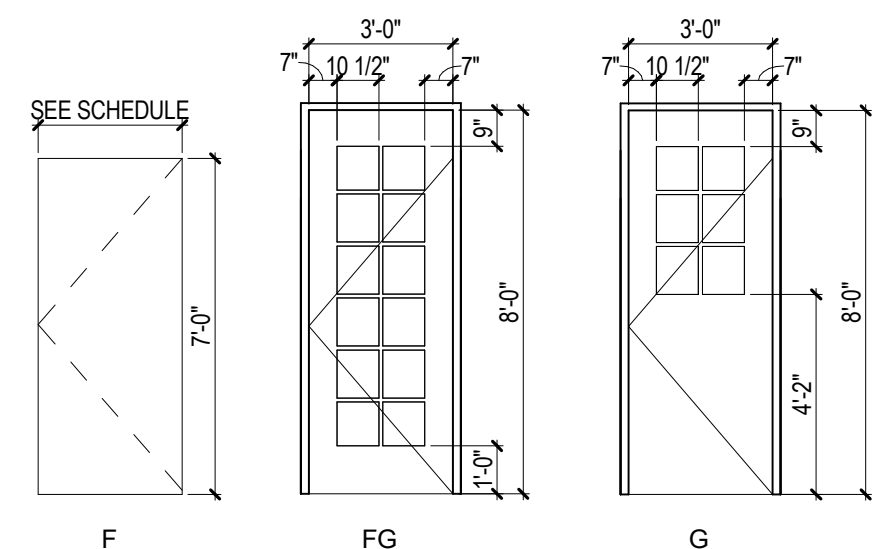


3 DETAIL @ TOILET LOWER CHASE WALL
1 1/2" = 1'-0"



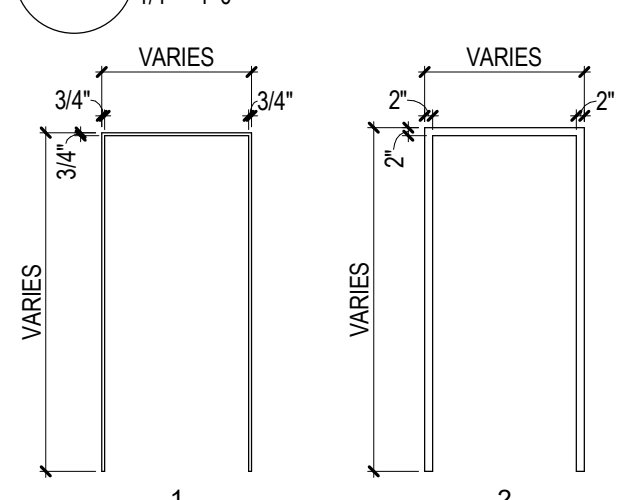
1 DETAIL @ TOILET LOWER WALL
1 1/2" = 1'-0"

DOOR SCHEDULE												
DOOR NO.	WIDTH	HEIGHT	DOOR		FRAME		DETAILS			HARDWARE GROUP	FIRE RATING	REMARKS
			TYPE	MATERIAL	TYPE	MATERIAL	HEAD	JAMB	THRESHOLD			
1	3'-0"	7'-0"	F	WD		WD	1	2	3	01		NEW INTERIOR DOOR TO RECEIVE CRASHBAR & SECURE ELECTRIC LATCHING HARDWARE
2	3'-0"	7'-0"	F	WD		HM.	7	8	3	02		MATCH EXIST INTERIOR DOOR SPECIES, COLOR, PROFILE, ETC.
3	3'-0"	7'-0"	F	WD		HM.	7	8	3	02		MATCH EXIST INTERIOR DOOR SPECIES, COLOR, PROFILE, ETC.
4	3'-0"	7'-0"	F	WD		WD	1	2	3	02		MATCH EXIST INTERIOR DOOR SPECIES, COLOR, PROFILE, ETC.
5	3'-0"	7'-0"	F	WD		WD	1	2	3	02		MATCH EXIST INTERIOR DOOR SPECIES, COLOR, PROFILE, ETC.
6	2'-6"	7'-0"	F	WD		HM.	7	8	3	03		MATCH EXIST INTERIOR DOOR SPECIES, COLOR, PROFILE, ETC.
7	2'-4"	7'-0"	F	WD		WD	1	2	3	03		MATCH EXIST INTERIOR DOOR SPECIES, COLOR, PROFILE, ETC.
106	3'-0"	8'-0"	FG	EXIST.	EXIST.	EXIST.	4	5	6			
107	3'-0"	8'-0"	G	WD		WD	4	5	6	04		NEW EXTERIOR DOOR TO RECEIVE CRASHBAR & SECURE ELECTRIC LATCHING HARDWARE



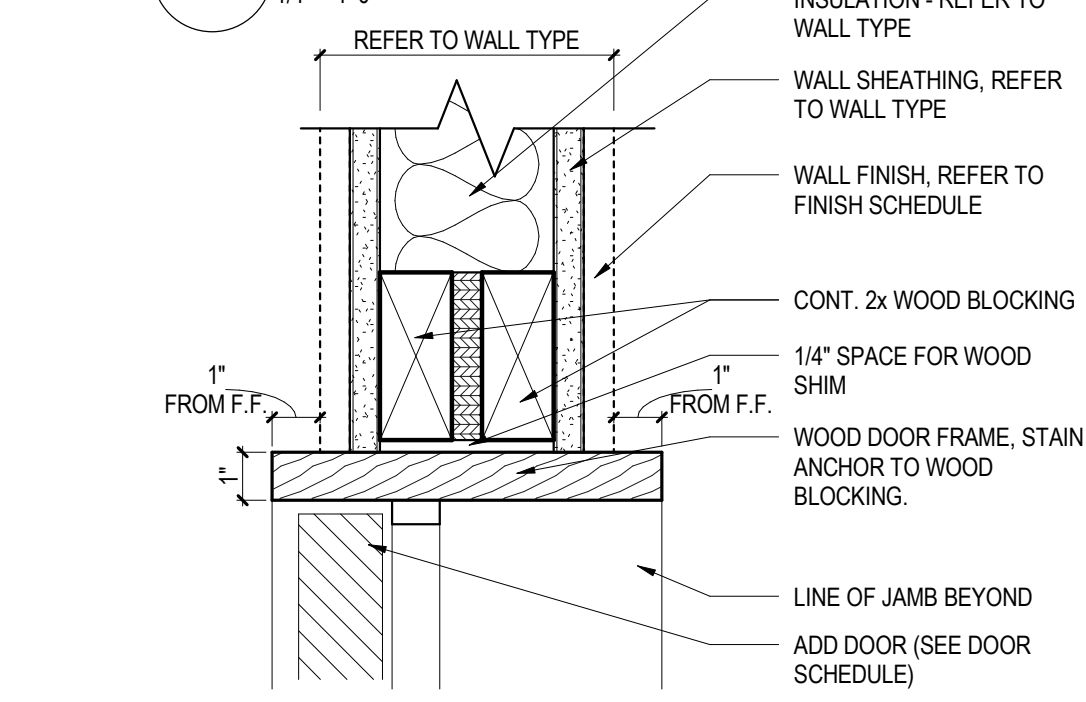
DOOR TYPES

1/4" = 1'-0"



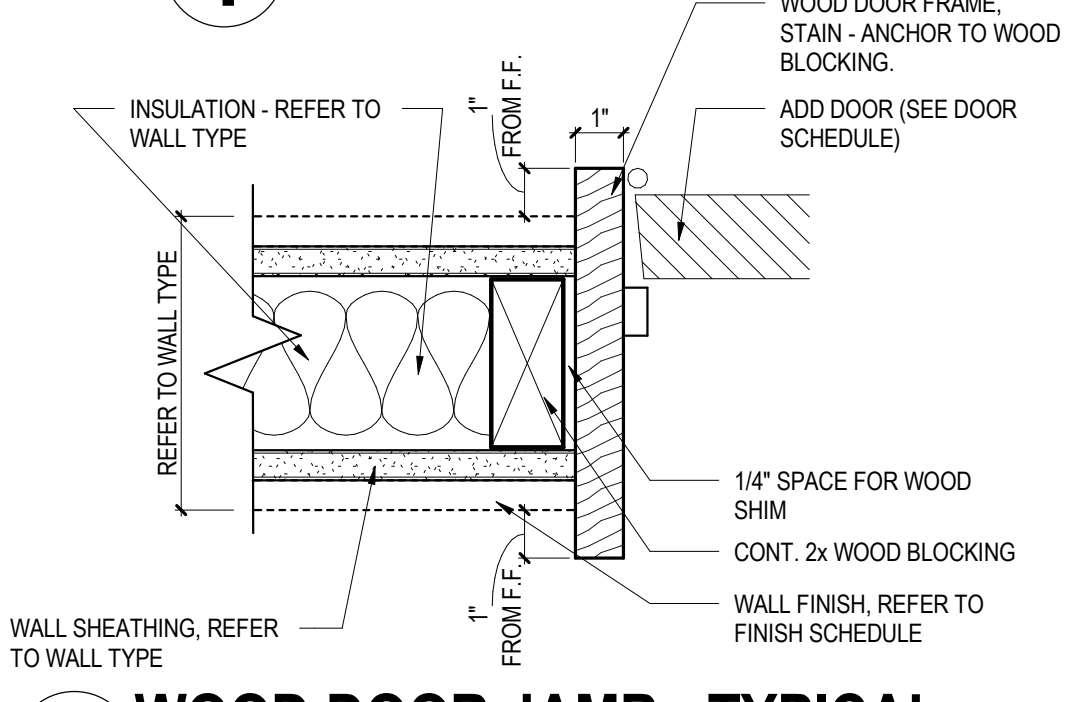
FRAME TYPES

1/4" = 1'-0"



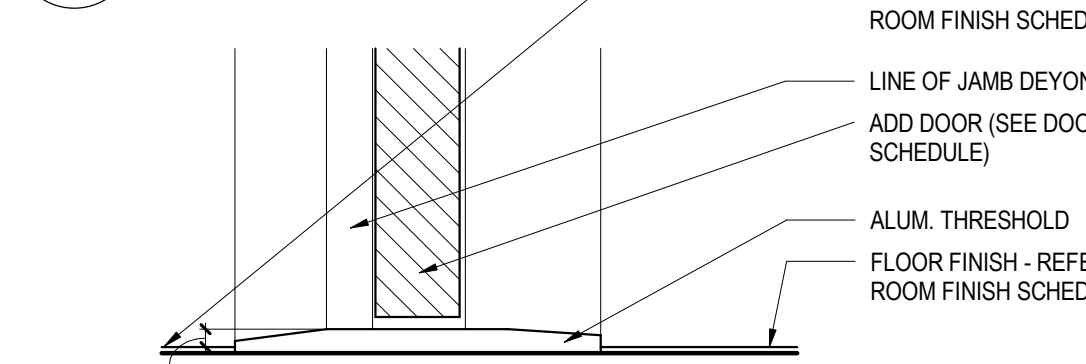
1 WOOD DOOR HEAD - TYPICAL

3" = 1'-0"



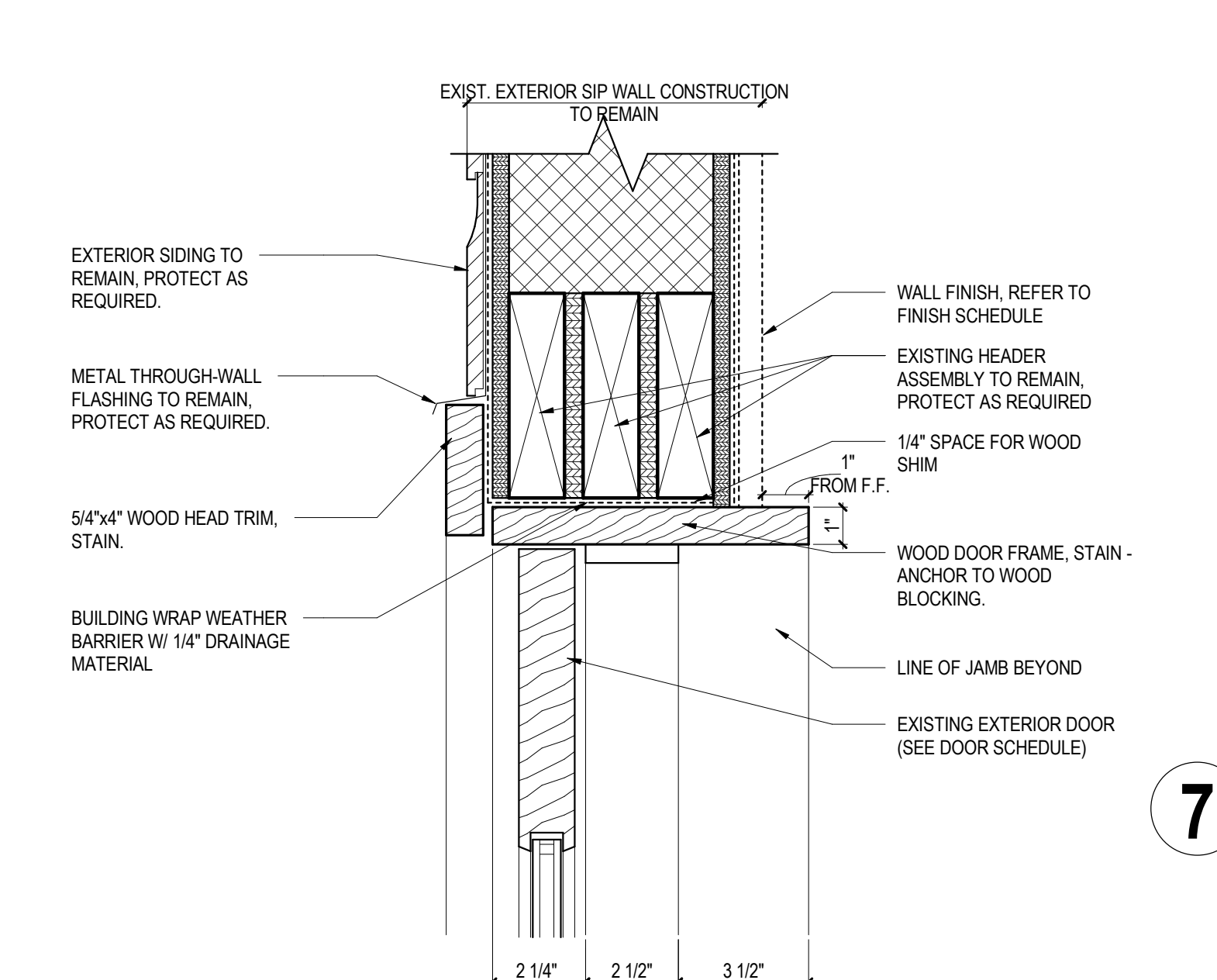
2 WOOD DOOR JAMB - TYPICAL

3" = 1'-0"



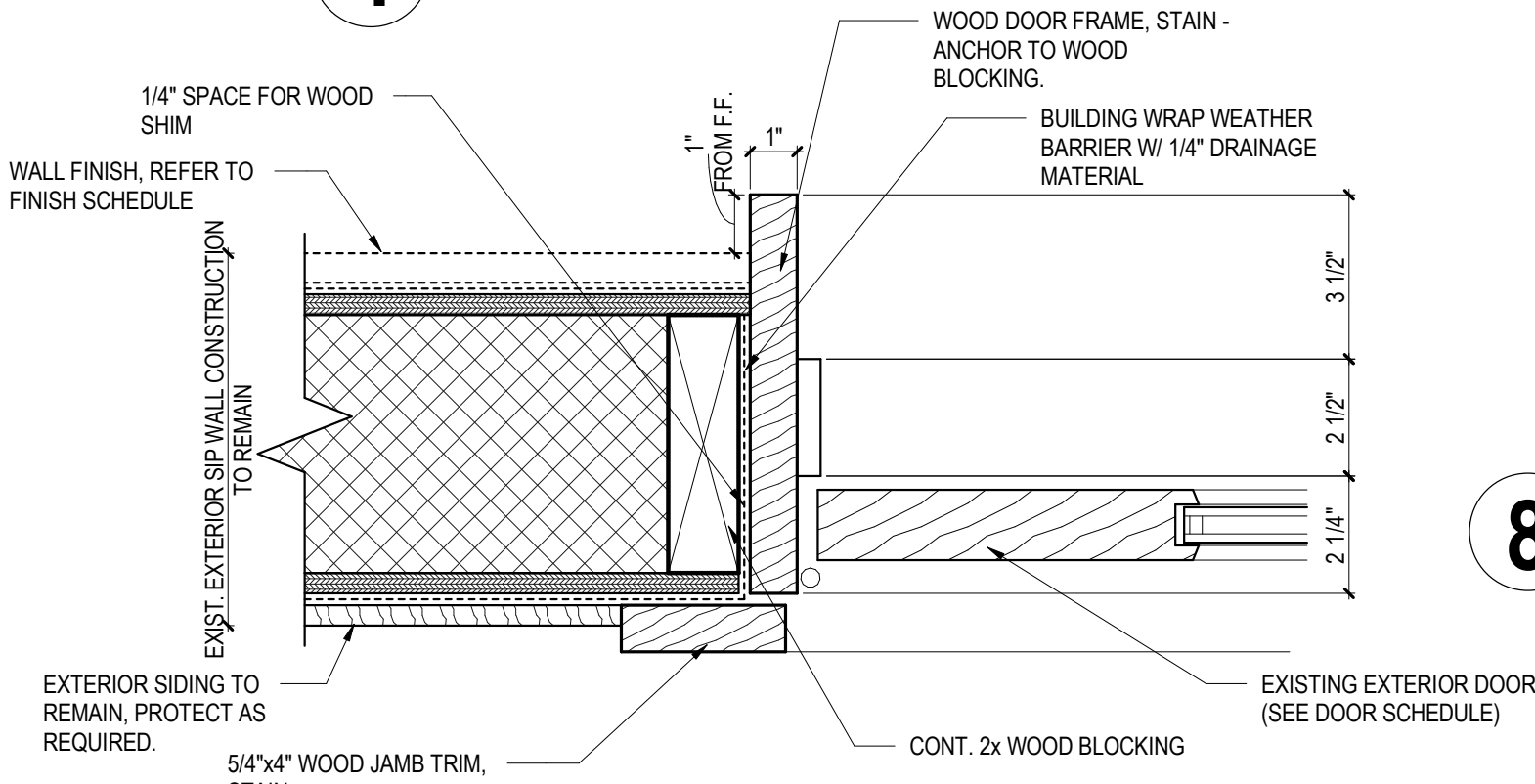
3 DOOR THRESHOLD - TYPICAL

3" = 1'-0"



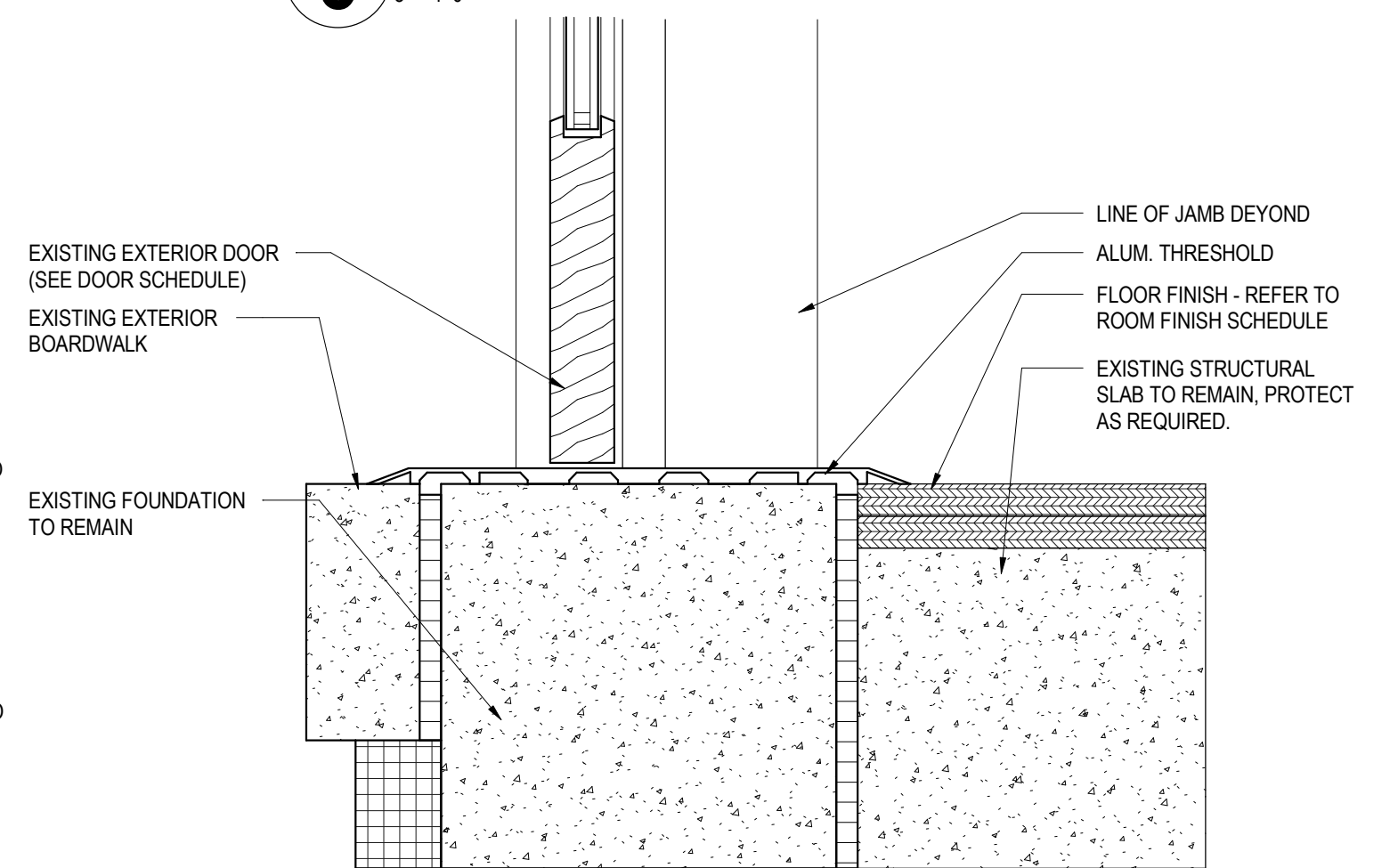
4 WOOD DOOR HEAD - EXTERIOR

3" = 1'-0"



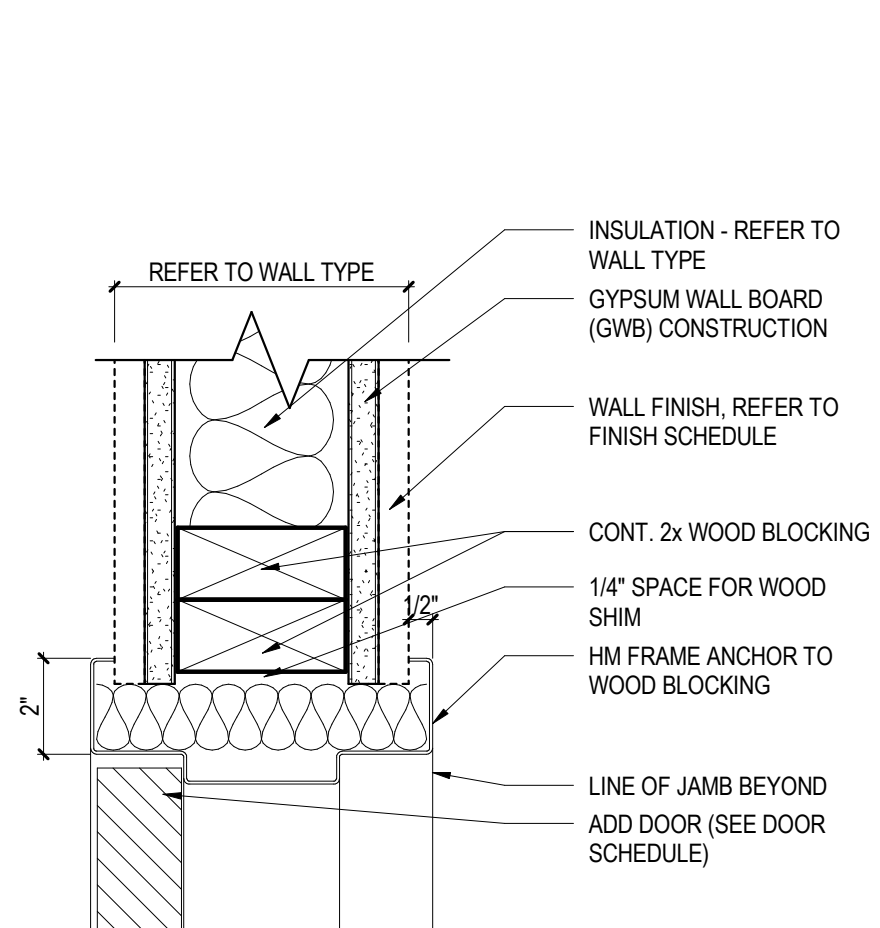
5 WOOD DOOR JAMB - EXTERIOR

3" = 1'-0"



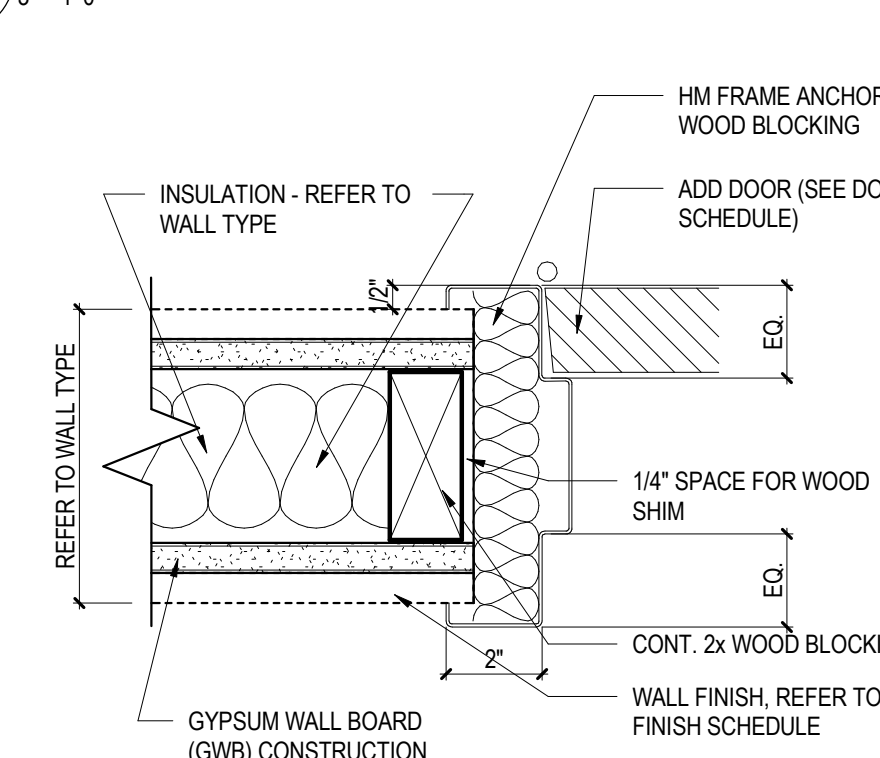
6 DOOR THRESHOLD - EXTERIOR

3" = 1'-0"



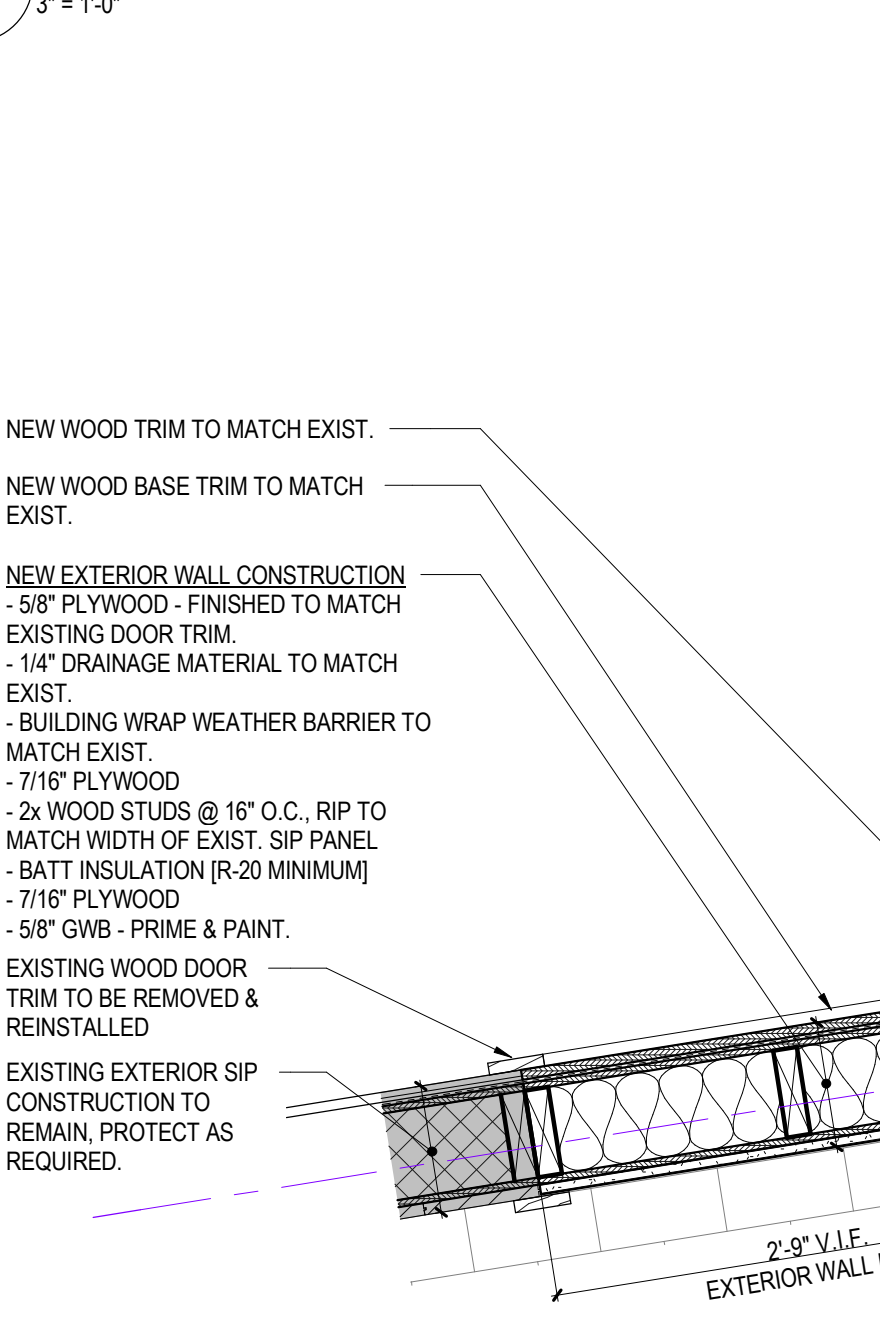
7 HOLLOW METAL DOOR HEAD - TYPICAL

3" = 1'-0"



8 HOLLOW METAL DOOR JAMB - TYPICAL

3" = 1'-0"



ROOM FINISH SCHEDULE									
ROOM #	ROOM NAME	CEILING FINISH	CEILING HEIGHT	AREA	BASE FINISH	FLOOR FINISH	WALL FINISH	REMARKS	
109	OFFICE	EXP.	8'-9"	193 SF	WD-X	CT-1	GWB - PTD.		
110	BATHROOM	GWB - PNT 2	7'-8"	61 SF	CTB-1	CT-1	CWT-1 & CWT-2	PROVIDE ROOM IDENTIFICATION SIGNAGE TO MATCH EXISTING, REFER TO C/G001	
111	STOR.	EXP.	8'-9"	20 SF	WD-X	CT-1	GWB - PTD.		
112	BATHROOM	GWB - PNT 2	7'-8"	61 SF	CTB-1	CT-1	CWT-1 & CWT-2	PROVIDE ROOM IDENTIFICATION SIGNAGE TO MATCH EXISTING, REFER TO C/G001	
113	CL.	EXP.	8'-9"	12 SF	WD-X	PLY X	GWB - PTD.		
114	HC TOILET	EXP.	8'-9"	44 SF	CWT-X2	CFT-X1 & CFT-X2	CWT-X1 & CWT-X2	PROVIDE ROOM IDENTIFICATION SIGNAGE TO MATCH EXISTING, REFER TO B/G001	
115	HC TOILET	EXP.	8'-9"	45 SF	CWT-X2	CFT-X1 & CFT-X2	CWT-X1 & CWT-X2	PROVIDE ROOM IDENTIFICATION SIGNAGE TO MATCH EXISTING, REFER TO B/G001	
127	LAUNDRY	EXP.	8'-9"	17 SF	WD-X	CT-1	GWB - PTD.		
128	CORRIDOR	EXP.	8'-9"	82 SF	WD-X	CT-1	GWB - PTD.		
218	MEZZANINE		10'-0"	713 SF					
219	MEP		10'-0"	230 SF					
220	MEP		10'-0"	183 SF					

FINISH MATERIAL LIST

FLOOR FINISHES

CT-1 PORCELAIN FLOOR TILE 1
MANUFACTURER: AMERICAN OLEAN
COLLECTION: NEOSPECK
COLOR: LIGHT GRAY NEO3
SIZE: 12"x24"
INSTALL: STAGGERED BRICK JOINT
GROUT: LATICRETE STERLING SILVER 78

BASE FINISHES

CTB-1 PORCELAIN TILE WALL BASE 1
MANUFACTURER: AMERICAN OLEAN
COLLECTION: NEOSPECK
COLOR: LIGHT GRAY NEO3
SIZE: 8"x12" COVE BASE
INSTALL: COVE BASE, PROVIDE COVE BASE CORNER
GROUT: LATICRETE STERLING SILVER 78

WB-1

WOOD BASE
LOCATIONS: REFER TO DETAILS AND ELEVATIONS

WALL FINISHES

CT-2 PORCELAIN WALL TILE 2
MANUFACTURER: DAL TILE
COLLECTION: SYNCHRONIC - TEXTURED
COLOR: WHITE SY30 - TEXTURED
SIZE: 12"x24"
INSTALL: SUBWAY
GROUT: LATICRETE MINK 95

CT-3 PORCELAIN WALL TILE 2
MANUFACTURER: DAL TILE
COLLECTION: MYTHOLOGY - UNULATED
COLOR: TITAN MY96 - UNULATED
SIZE: 4"x12"
INSTALL: SUBWAY & ACCENT
GROUT: LATICRETE MINK 95
LOCATION: SHOWER WALLS AND

PNT-1

PAINT 1 - FIELD
MANUFACTURER: SHERWIN WILLIAMS
COLOR: SW 6072 VERSATILE GRAY
FINISH: SATIN

PNT-2

PAINT 2 - GWB CEILINGS
MANUFACTURER: SHERWIN WILLIAMS
COLOR: SW 7007 CEILING BRIGHT WHITE
FINISH: SATIN

PNT-3

PAINT 3 - DOORS AND FRAMES
MANUFACTURER: SHERWIN WILLIAMS
COLOR: COORDINATE WITH OWNER
FINISH: SEMI GLOSS

CASEWORK FINISHES

PLAM-1 PLASTIC LAMINATE 1
MANUFACTURER: WILSONART
COLOR: WINDSWEEP PEWTER 4795-60
LOCATION: OFFICE & CORRIDOR

PLAM-2 PLASTIC LAMINATE 2
MANUFACTURER: WILSONART
COLOR: HARVEST MAPLE 7953-38
LOCATION: BATHROOMS

SS-1

SOLID SURFACE 1
MANUFACTURER: CORIAN
COLOR: SORREL
LOCATIONS: COUNTERS & BACKSPLASH AT OFFICE
CASEWORK AND RECEPTION DESK

SS-2

SOLID SURFACE 2
MANUFACTURER: CORIAN
COLOR: EVENING PRIMA
LOCATIONS: COUNTERS & BACKSPLASH AT BATHROOMS

HDW-1

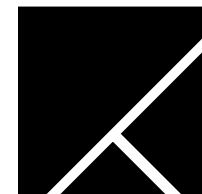
HARDWARE 1
MANUFACTURER: RICHELIEU
STYLE: CONTEMPORARY METAL PULL 5632
FINISH: MATTE CHROME
SIZE: 6 9/16" L

ACCESSORIES

JT-1 JOINT TRANSITION 1
MANUFACTURER: SCHLUTER SYSTEMS
PROFILE: JOLLY
MATERIAL: ALUMINUM
FINISH: BRUSHED NICKEL
LOCATIONS: TILE WALL OUTSIDE CORNERS
TOP OF EXPOSED EDGE TILES

JT-2

JOINT TRANSITION 2
MANUFACTURER: SCHLUTER SYSTEMS
PROFILE: DECO
MATERIAL: ALUMINUM
FINISH: BRUSHED NICKEL
LOCATIONS: AT FLOORS IN BATHROOM DOOR OPENINGS
AT BATHROOM WALLS BETWEEN CT-2 & CT-3 AND
WALL TILE



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Signature & Seal:



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Client: **EMPIRE STATE DEVELOPMENT**

Project: **LONGSHED INTERIOR RENOVATIONS**

Project Address: **CANALSIDE
44 PRIME ST.
BUFFALO, NY 14202**

Drawing History: # Date Description

Project Status: **CONSTRUCTION DOCUMENTS**

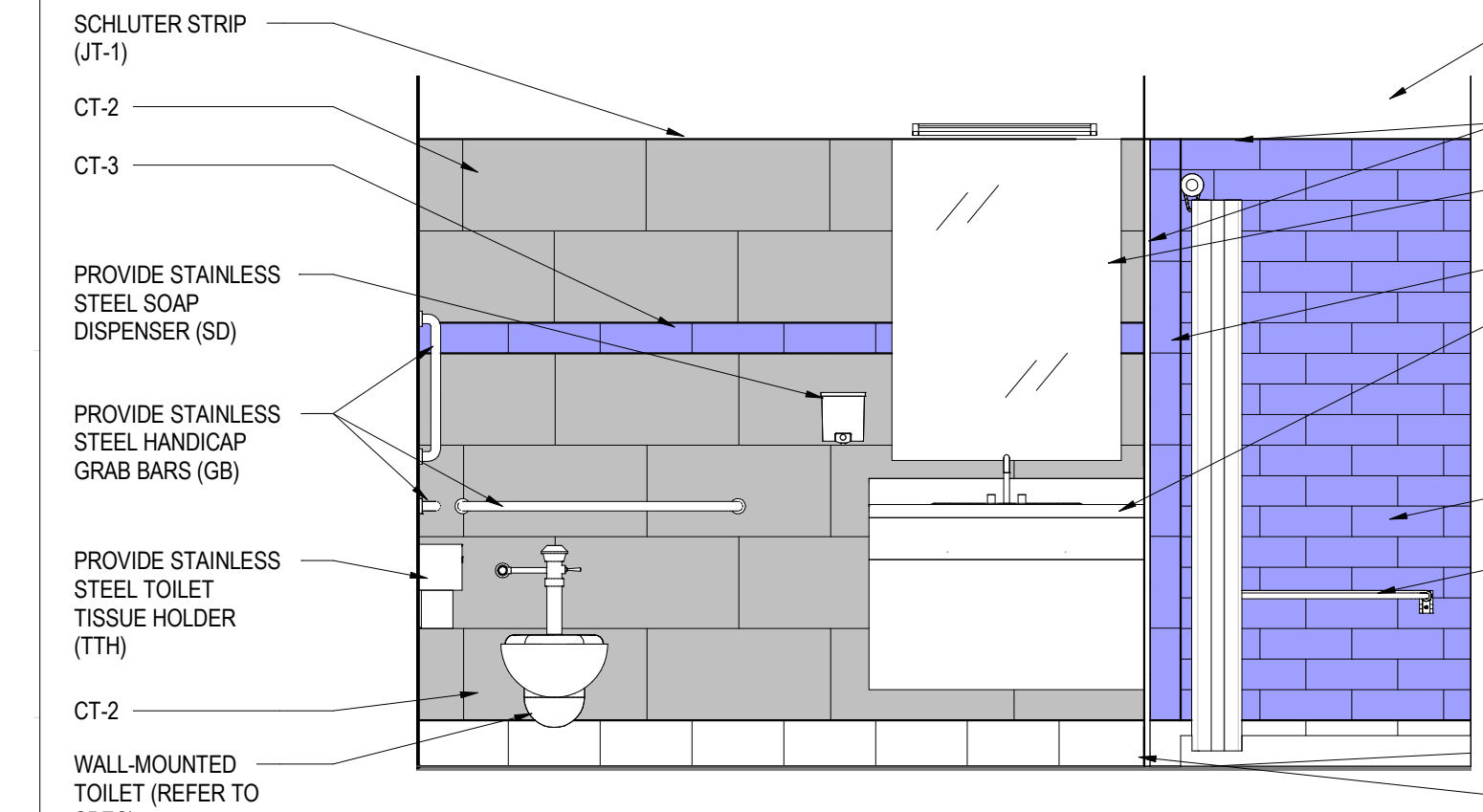
Date: MAY 16, 2023

Project Number: 23007

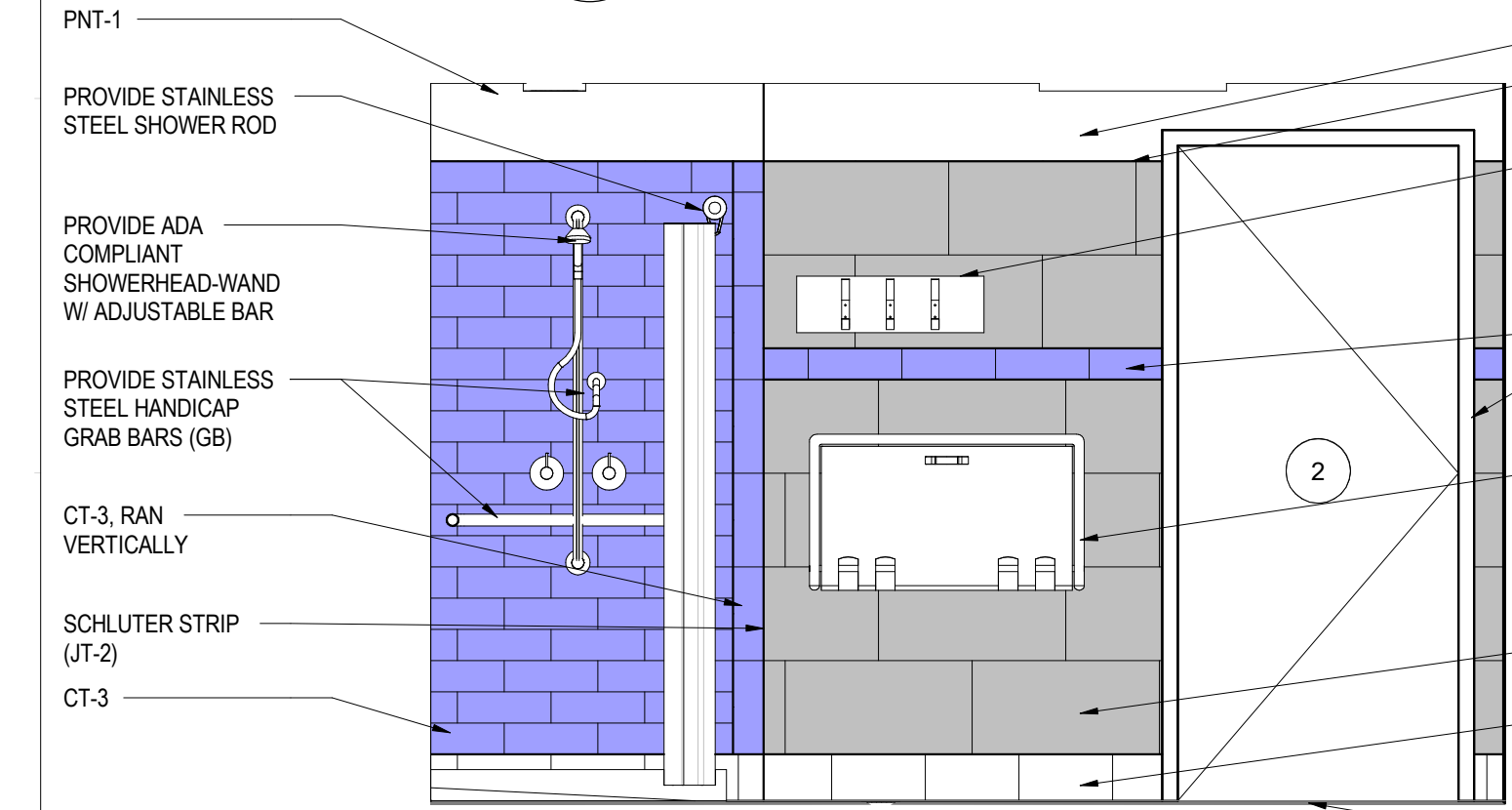
Sheet Title: **SCHEDULES**

Sheet Number:

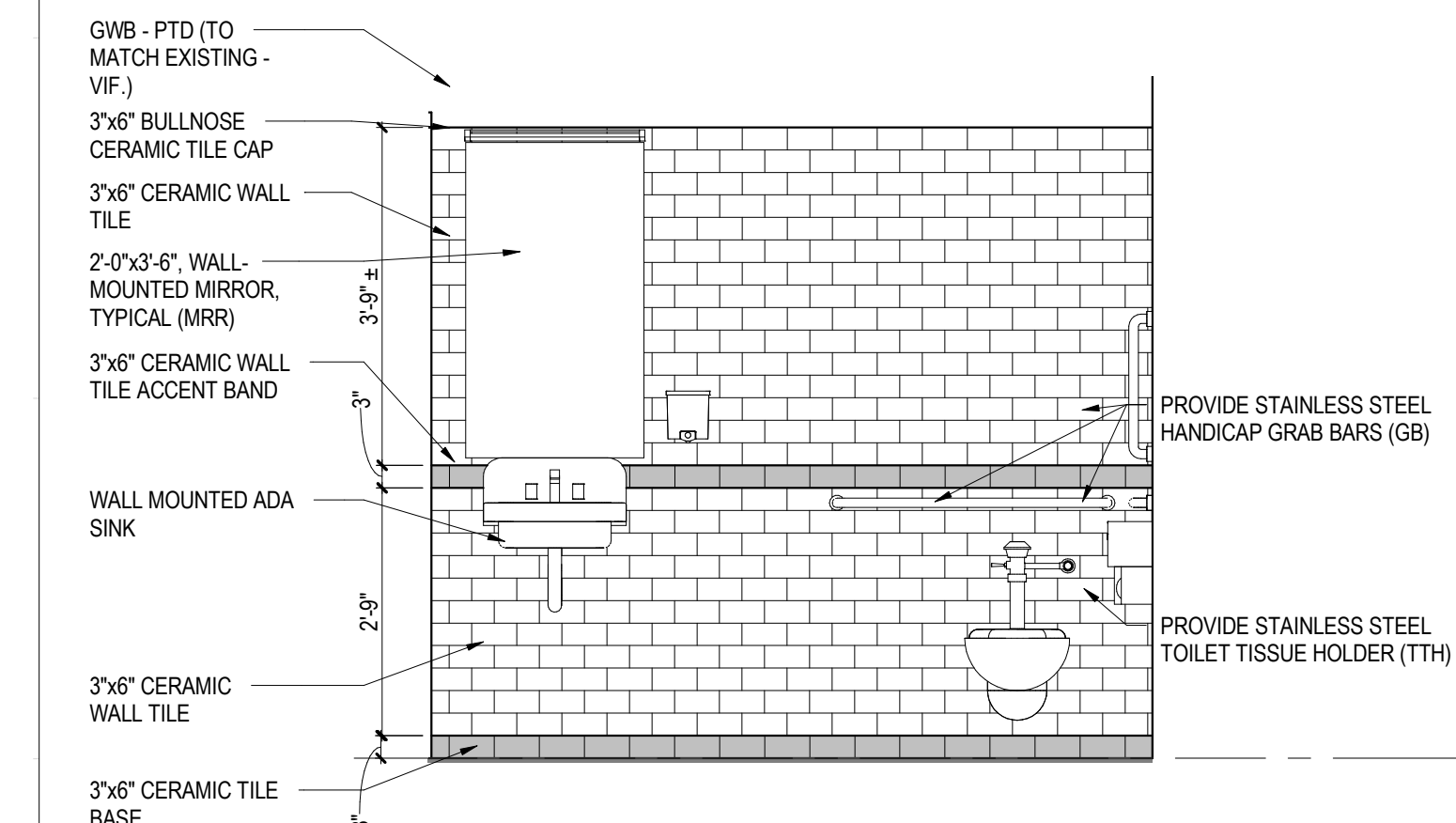
A500



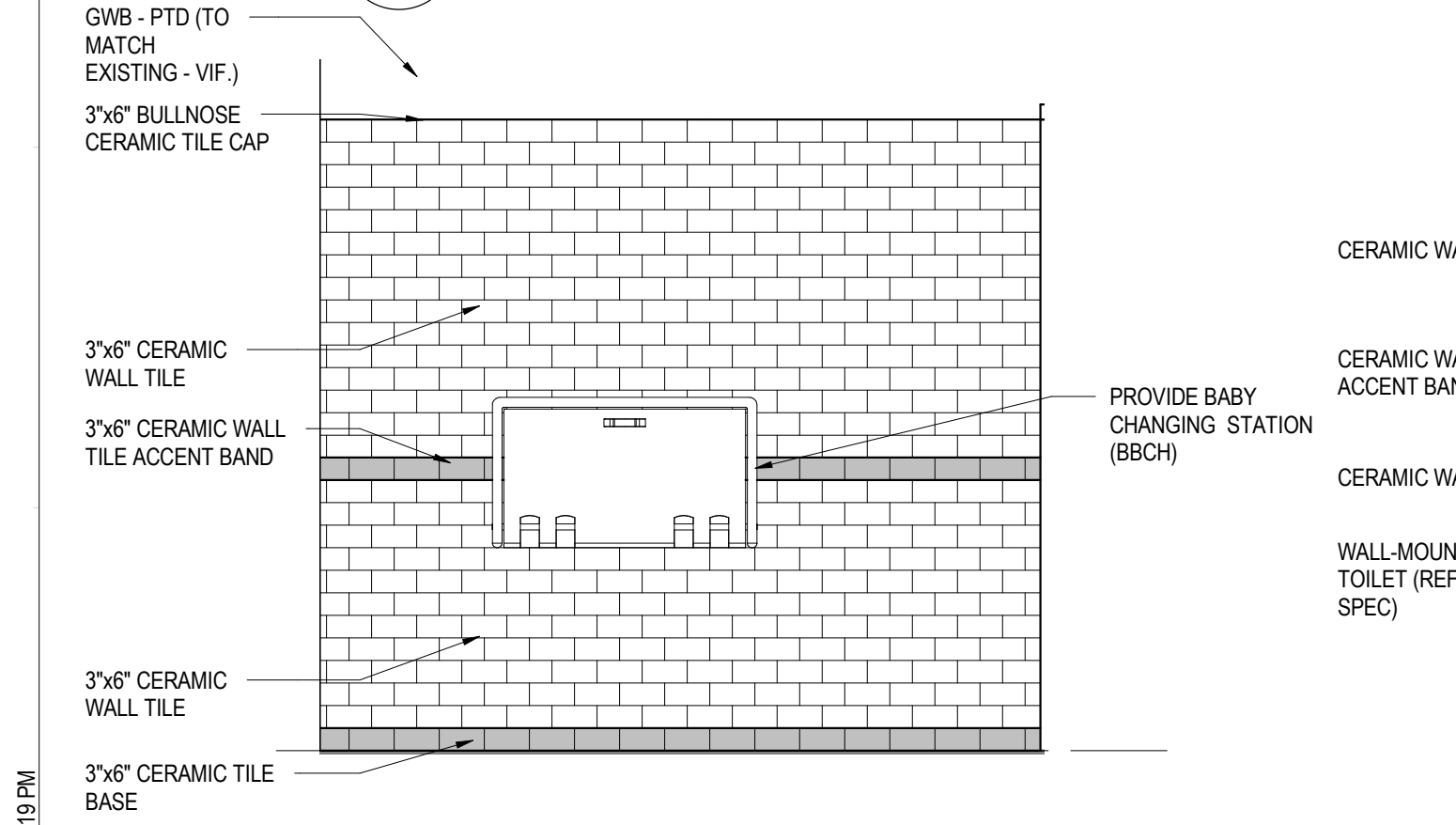
3 BATHROOM ELEVATION - SOUTH
1/2" = 1'-0"



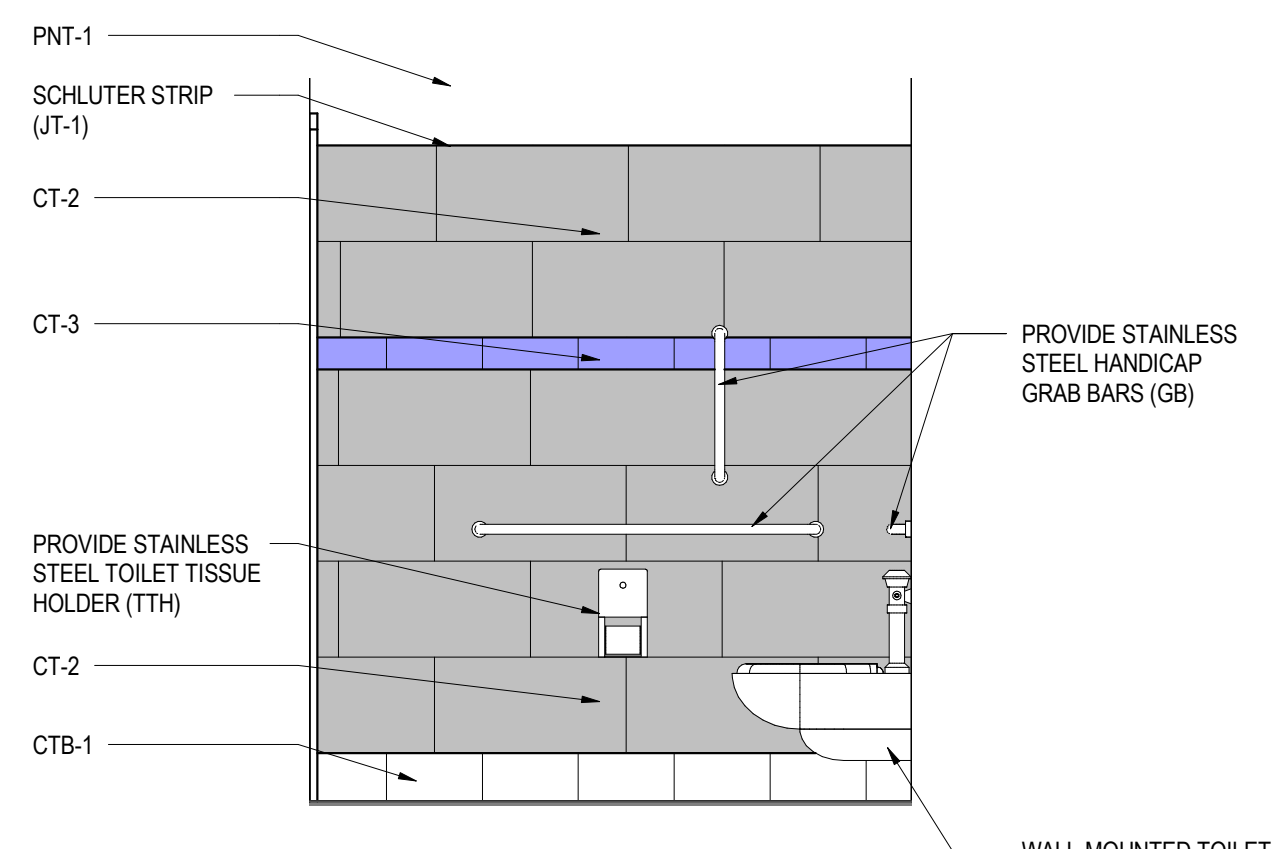
4 BATHROOM ELEVATION - NORTH
1/2" = 1'-0"



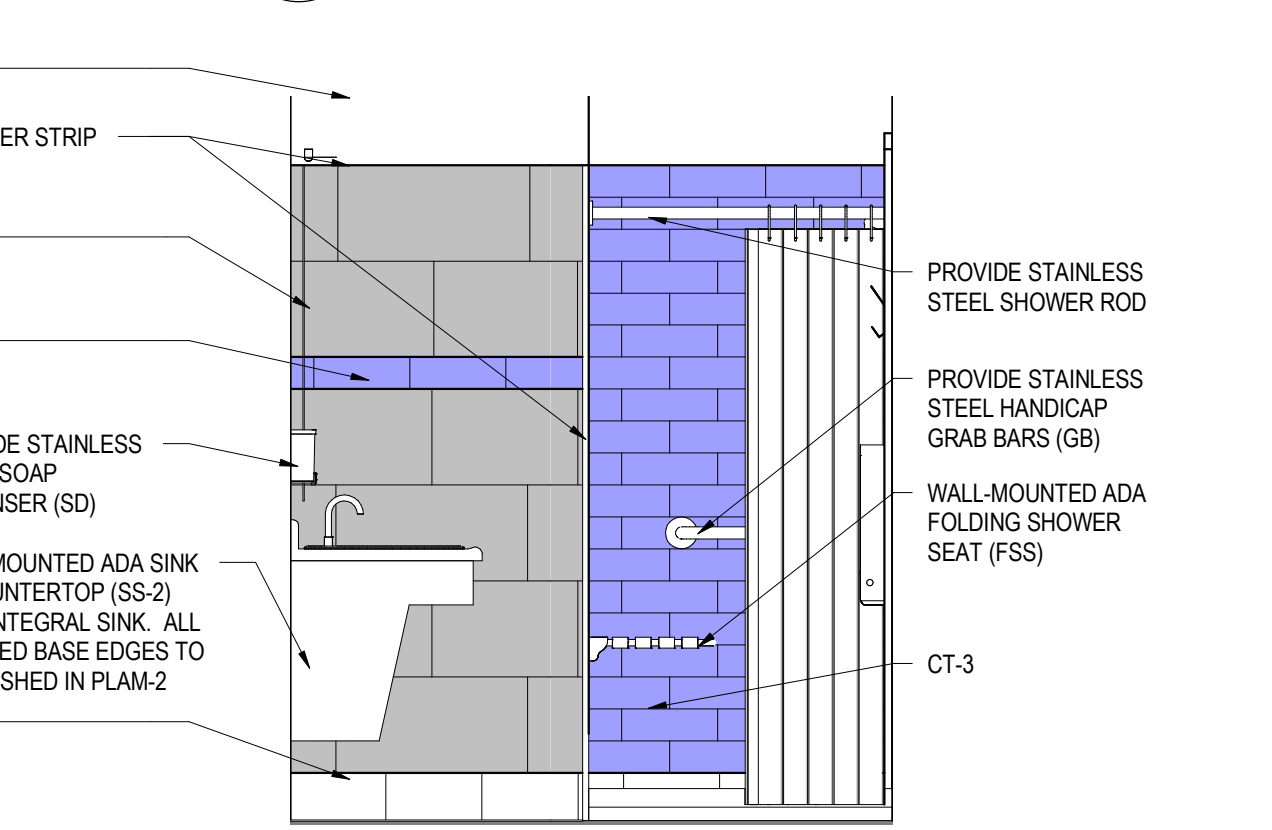
7 TOILET ELEVATION - SOUTH
1/2" = 1'-0"



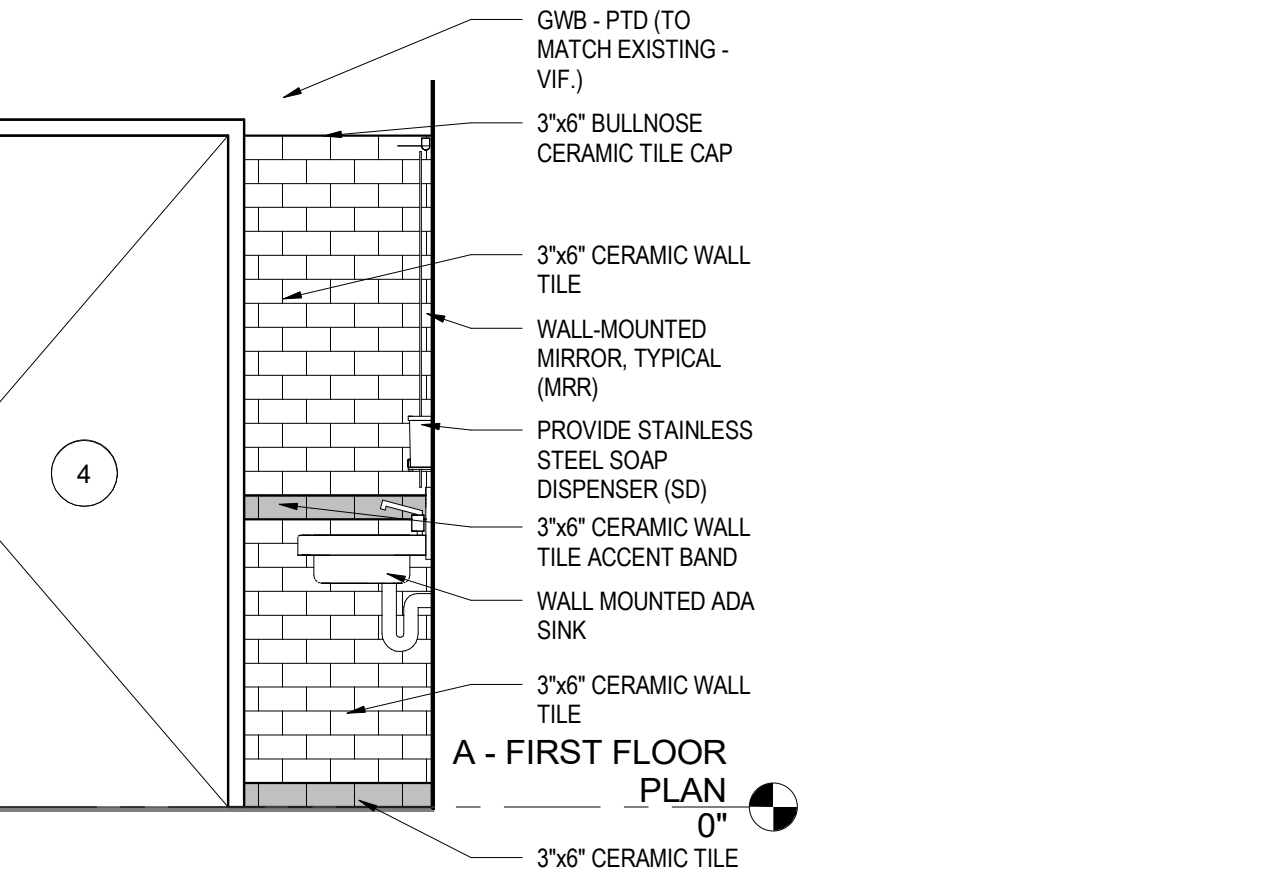
9 TOILET ELEVATION - NORTH
1/2" = 1'-0"



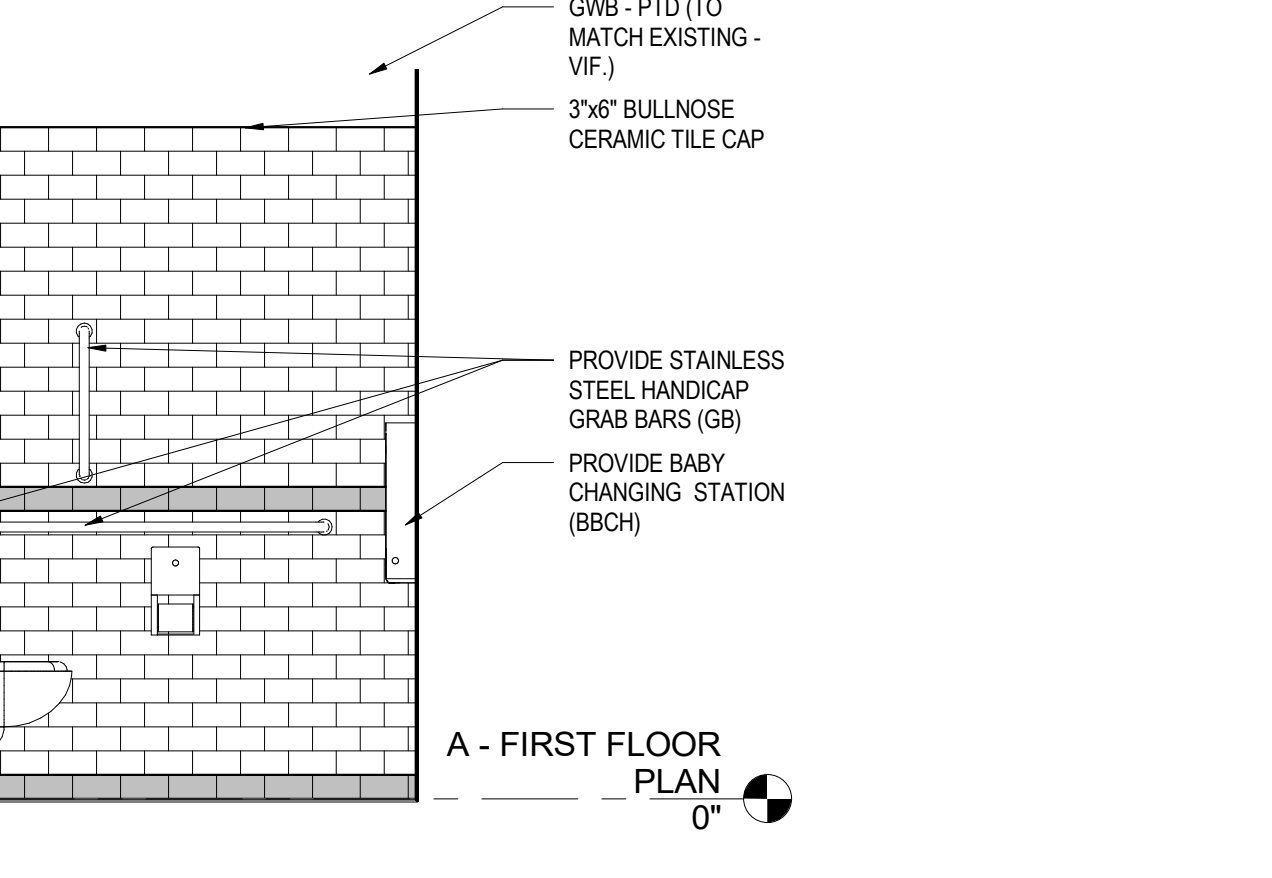
5 BATHROOM ELEVATION - EAST
1/2" = 1'-0"



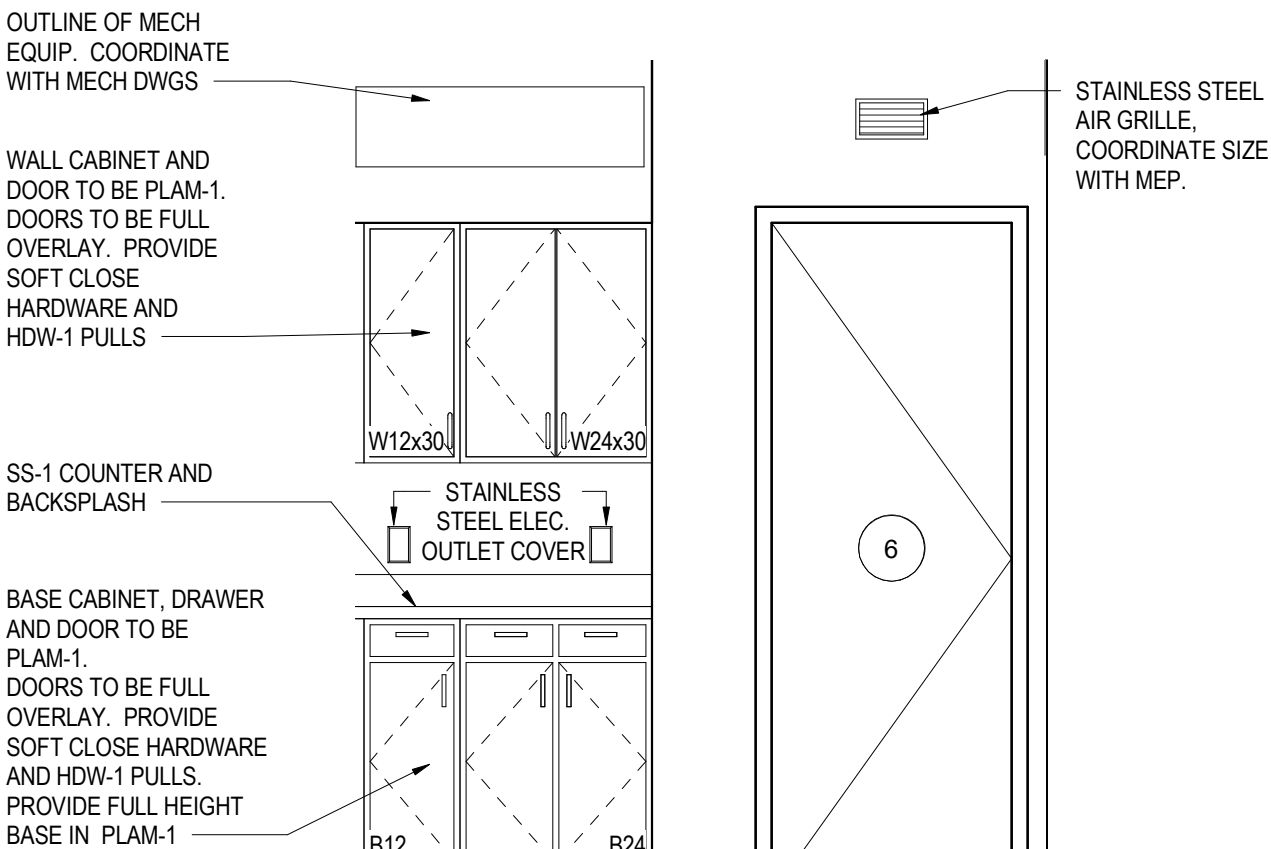
6 BATHROOM ELEVATION - WEST
1/2" = 1'-0"



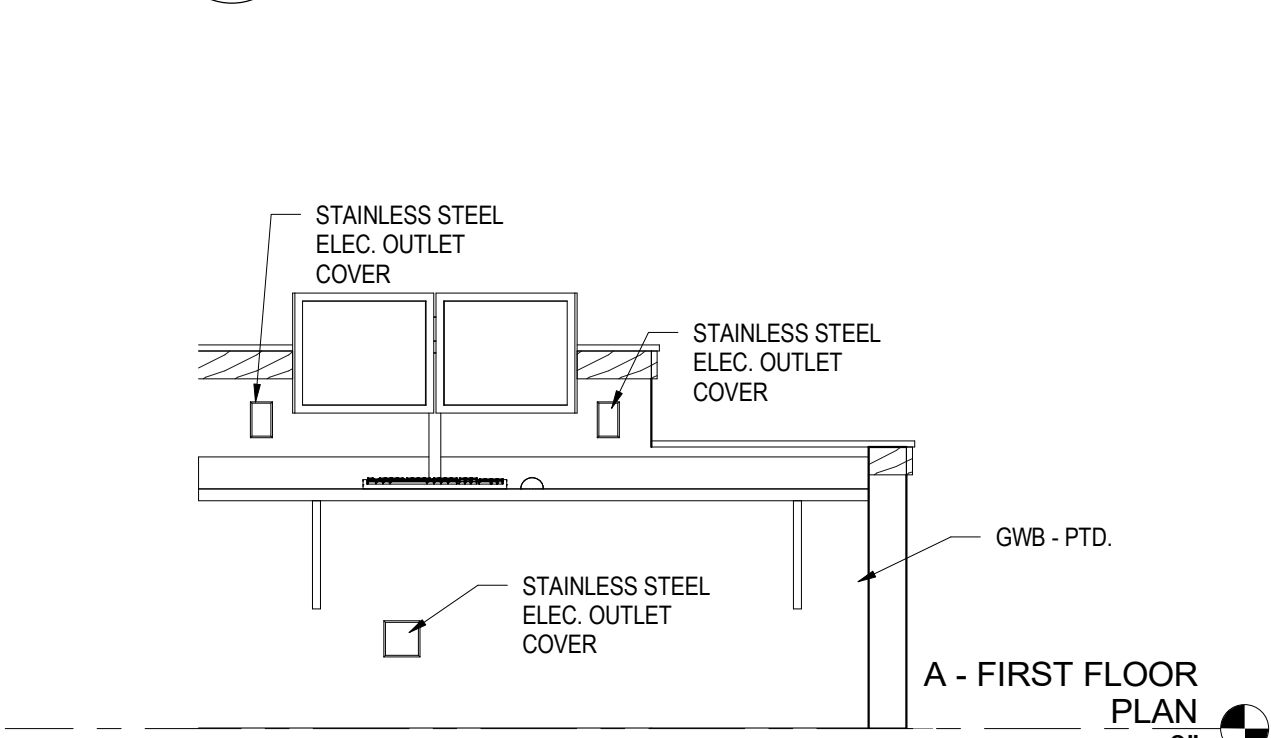
8 TOILET ELEVATION - EAST
1/2" = 1'-0"



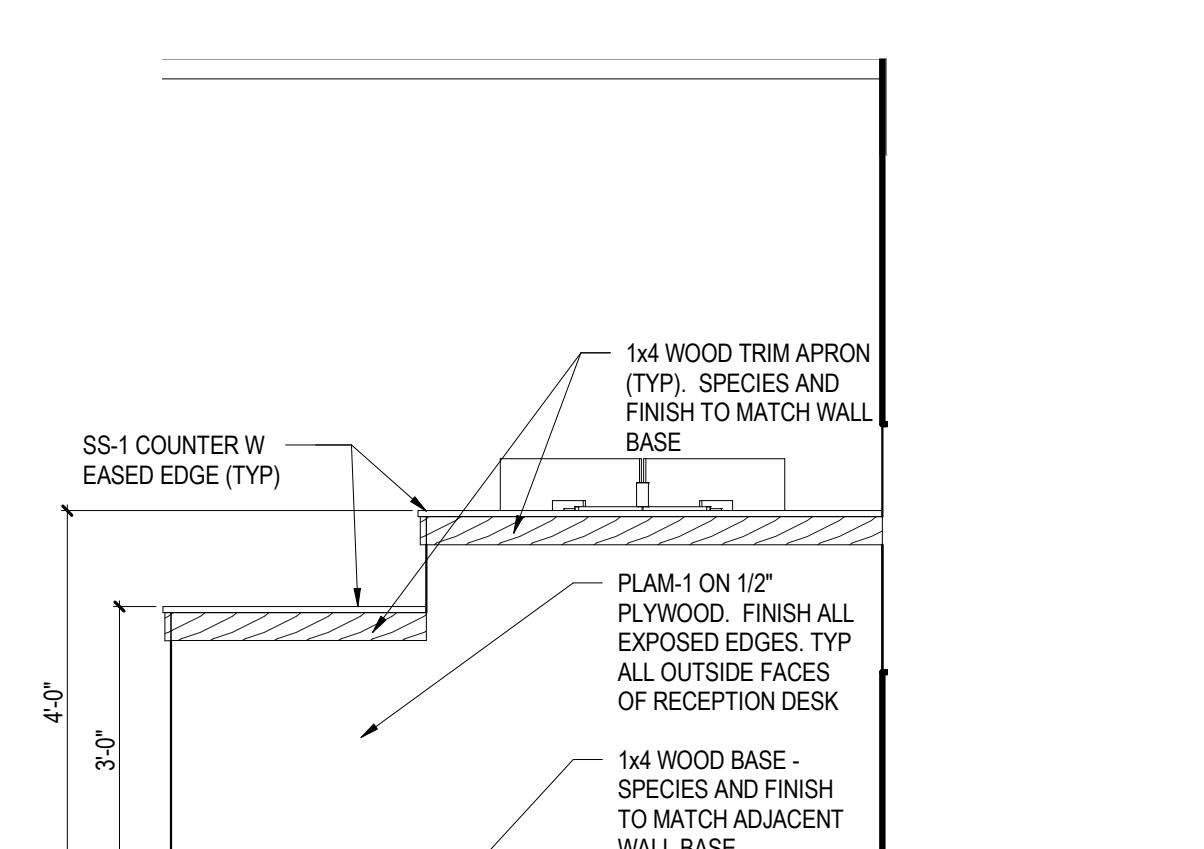
10 TOILET ELEVATION - WEST
1/2" = 1'-0"



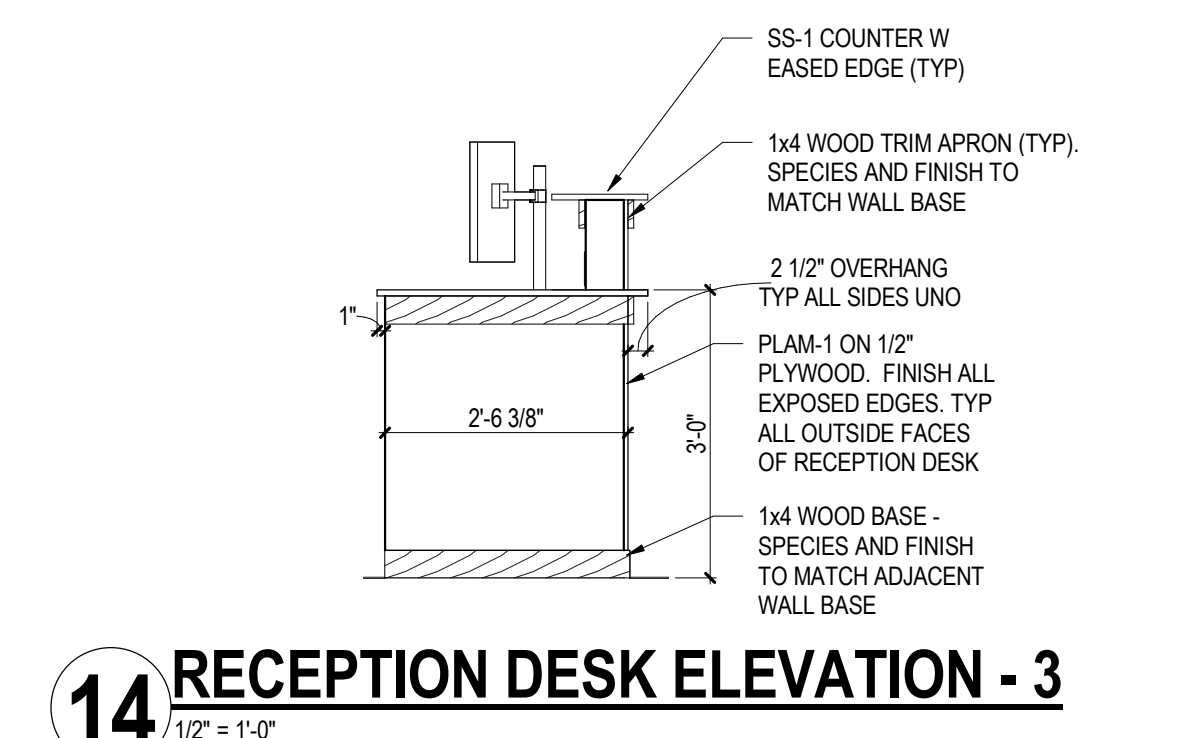
11 CABINET ELEVATION
1/2" = 1'-0"



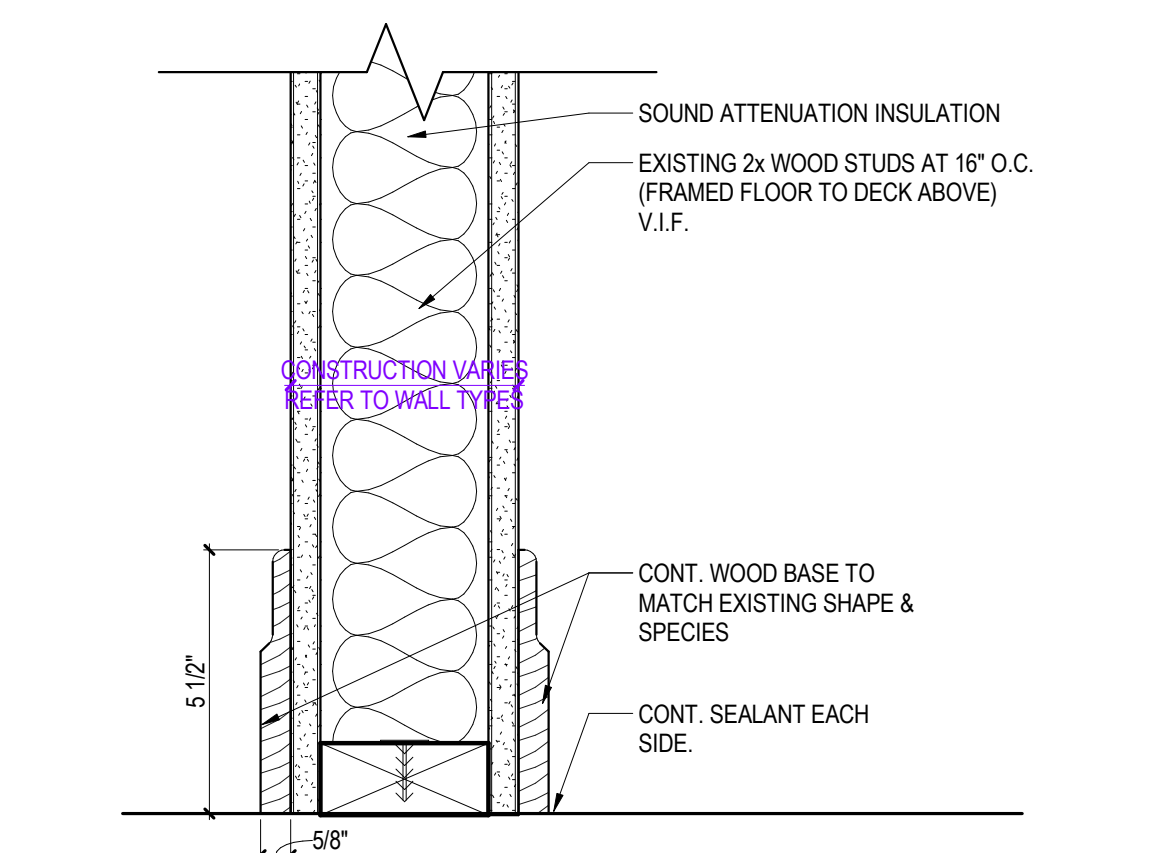
13 RECEPTION DESK ELEVATION - 2
1/2" = 1'-0"



12 RECEPTION DESK ELEVATION - 1
1/2" = 1'-0"

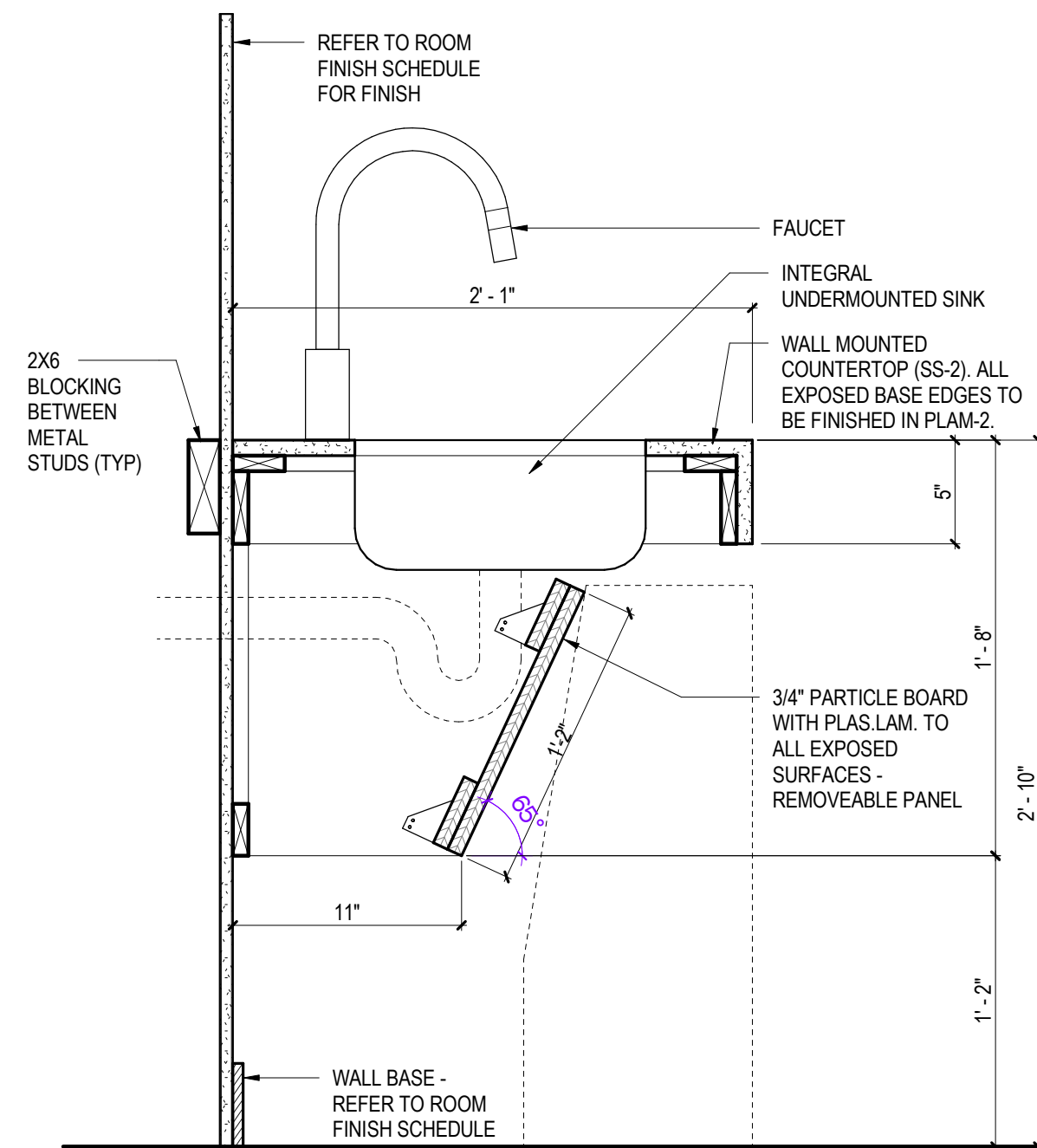


14 RECEPTION DESK ELEVATION - 3
1/2" = 1'-0"

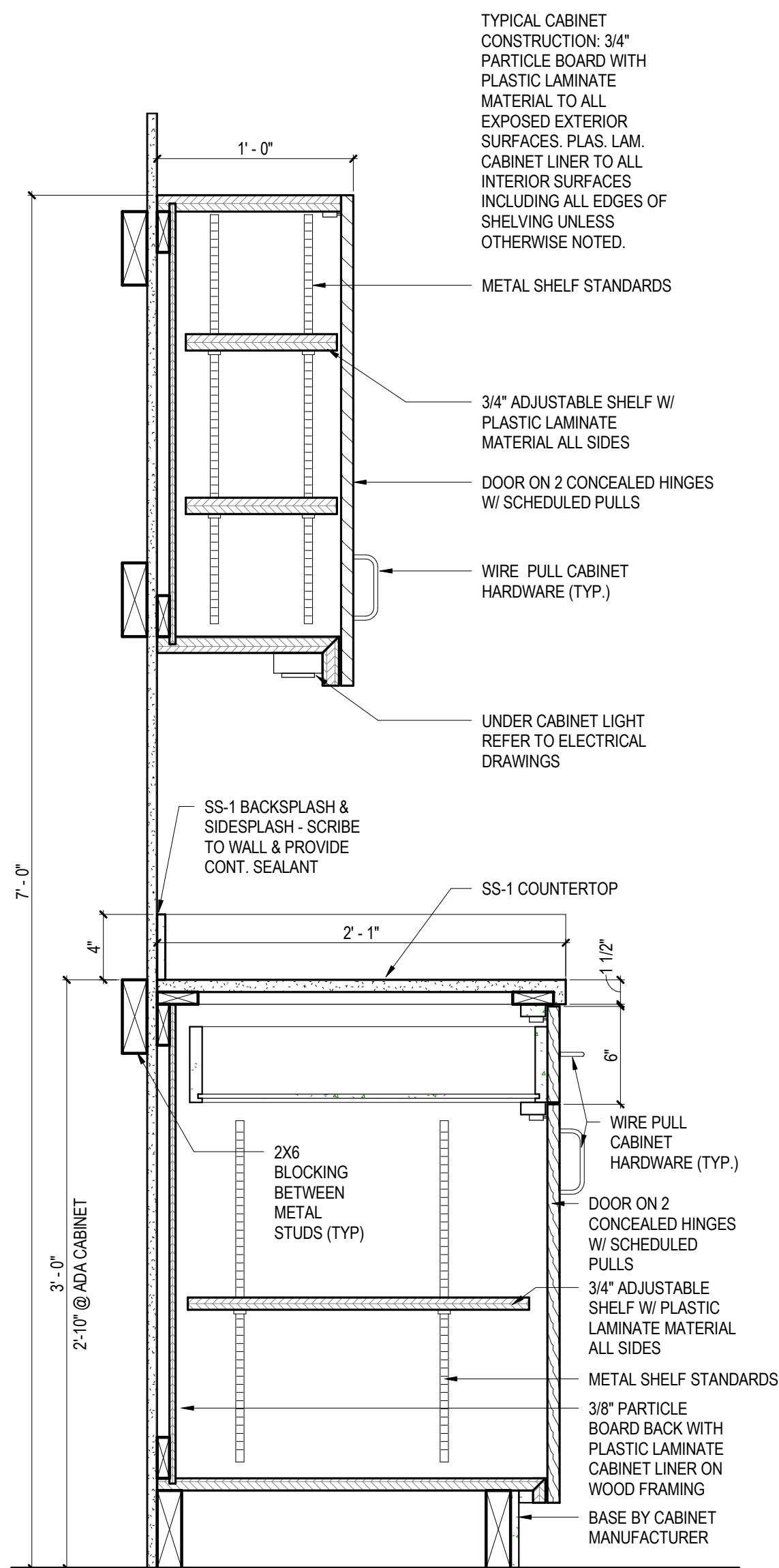


1 WOOD BASE - DETAIL
3" = 1'-0"

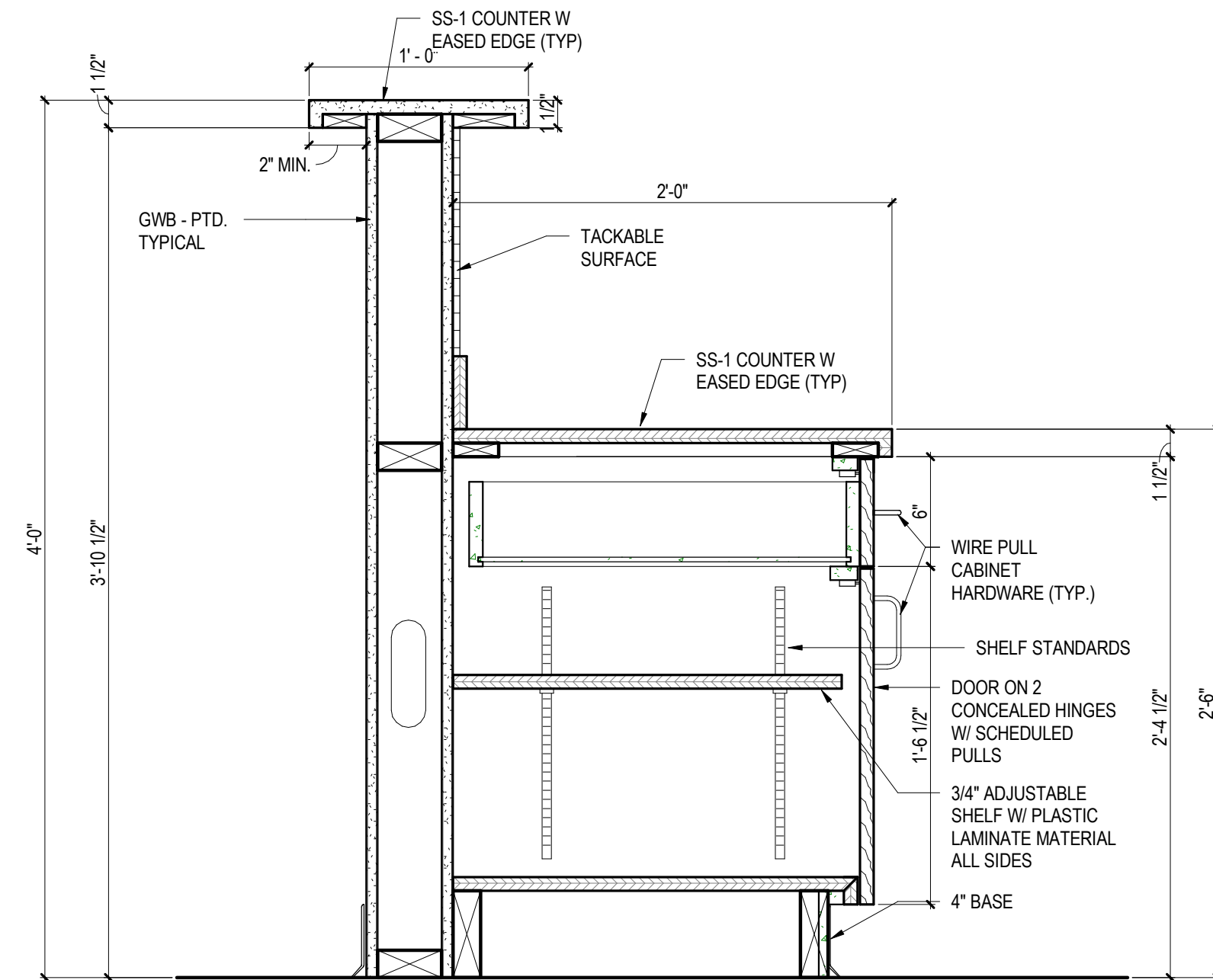




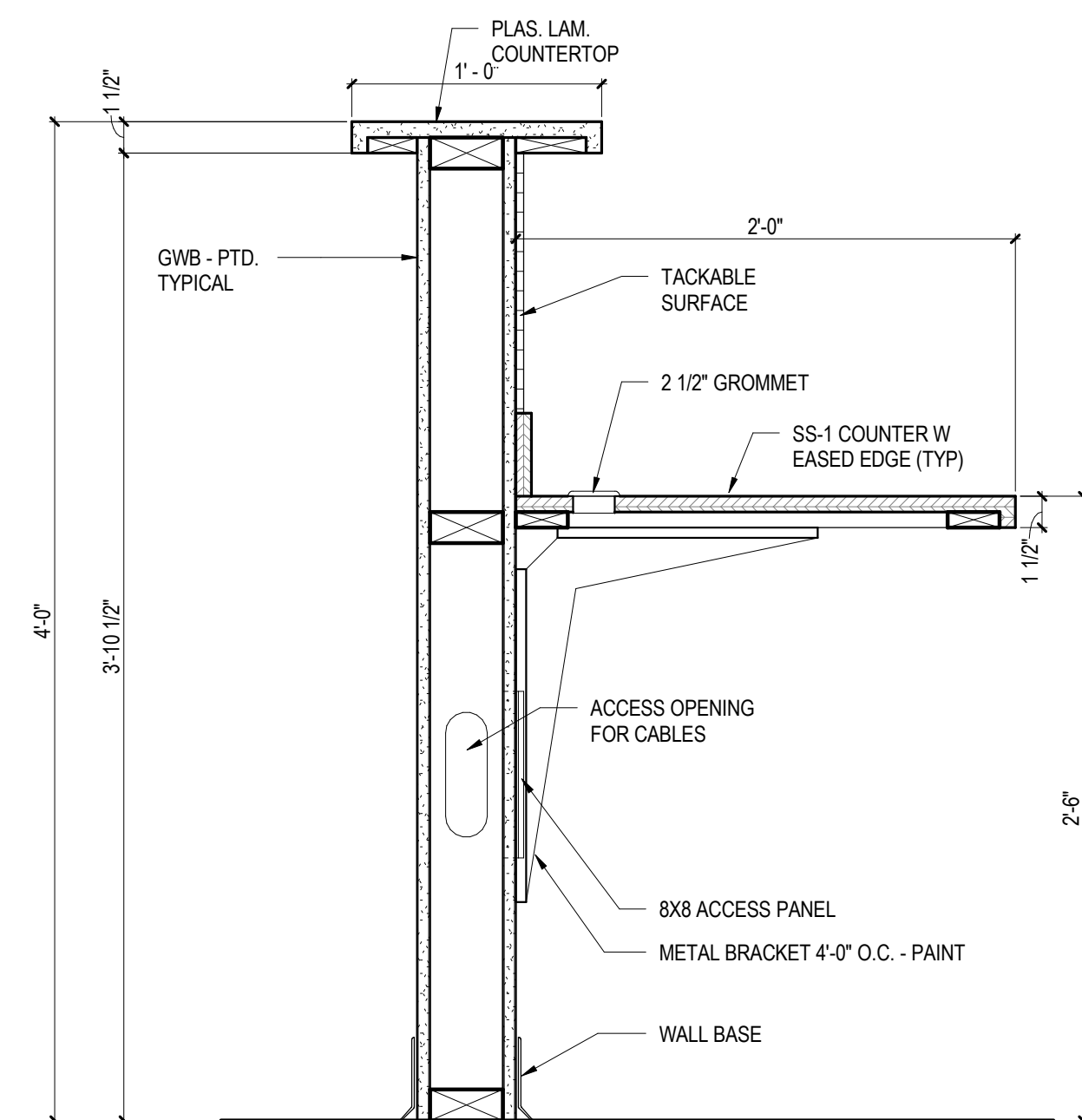
5 ADA SINK DETAIL
1 1/2" = 1'-0"



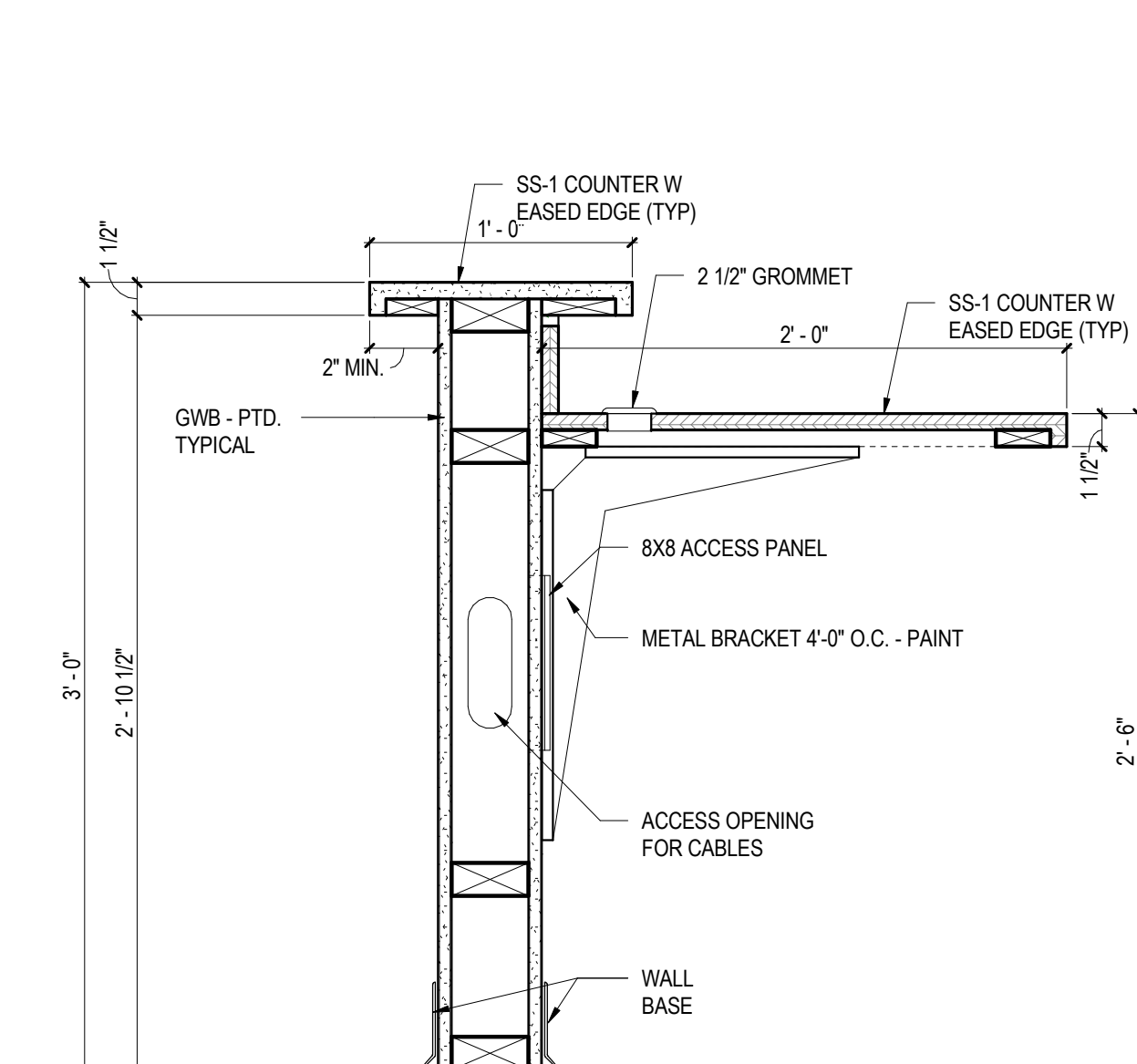
4 UPPER / LOWER CABINET DETAIL
1 1/2" = 1'-0"



3 SECURITY DESK DETAIL W/ CABINET
1 1/2" = 1'-0"



2 SECURITY DESK DETAIL - HIGH
1 1/2" = 1'-0"



1 SECURITY DESK DETAIL
1 1/2" = 1'-0"



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Signature & Seal:



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Client: EMPIRE STATE DEVELOPMENT

Project: LONGSHED INTERIOR RENOVATIONS

Project Address: CANALSIDE
44 PRIME ST.
BUFFALO, NY 14202

Drawing History: # Date Description

Project Status: CONSTRUCTION DOCUMENTS

Date: MAY 16, 2023

Project Number: 23007

Sheet Title: MILLWORK

Sheet Number: A801

HVAC SYMBOLS / ABBREVIATIONS LEGEND:

	NEW WORK		BALANCING VALVE		AD ACCESS DOOR
	CW() CHILLED WATER(S-SUPPLY, R-RETURN)		UNION		AFF ABOVE FINISHED FLOOR
	HW() HOT WATER(S-SUPPLY, R-RETURN)		STRAINER		AHU AIR HANDLING UNIT
	HC() HOT/CHILLED WATER(S-SUPPLY, R-RETURN)		STRAINER, BLOW OFF		AI AIR INTAKE
	CONDENSATE DRAIN		AIR VENT		AS AIR SEPARATOR
	CAP		PRESSURE GAUGE		AV AIR VENT
	RISE		EXPANSION LOOP		BD BALANCING DAMPER
	DROP		AUTOMATIC AIR VENT		BDD BACKDRAFT DAMPER
	TEE - OUTLET UP		MANUAL AIR VENT		BFP BACK FLOW PREVENTOR
	TEE - OUTLET DOWN		AIR SEPARATOR		CD CONDENSATE DRAIN
	BRANCH - TOP CONNECTION		FLOW SWITCH		CFM CUBIC FEET PER MINUTE
	BRANCH - BOTTOM CONNECTION		THERMOMETER		CLG CEILING
	BRANCH - SIDE CONNECTION		FLOOR DRAIN		CUH CABINET UNIT HEATER
	ANCHOR		THERMOSTAT		CW COLD WATER
	EXPANSION JOINT		TEMPERATURE SENSOR (DUCT)		CWP CHILLED WATER PUMP
	PIPE GUIDE		TEMPERATURE CONTROLLER		EF, EXF EXHAUST FAN
	FLOW - IN DIRECTION OF ARROW		SMOKE DETECTOR		EG EXHAUST GRILLE
	BALL VALVE		CAP		ER EXHAUST REGISTER
	BUTTERFLY VALVE		POINT OF REMOVAL		ET EXPANSION TANK
	PLUG VALVE		POINT OF CONNECTION		FC FAN COIL
	PRESSURE SWITCH		SUPPLY DIFFUSER (CEILING)		FD FIRE DAMPER
	PUMP (INDICATE USE)		RETURN / EXHAUST GRILLE (CEILING)		FR FINNED TUBE RADIATION
	UNIT HEATER		DUCT SECTION, POSITIVE PRESSURE		GPM GALLONS PER MINUTE
	MOTOR OPERATED DAMPER		DUCT SECTION, NEGATIVE PRESSURE		HUH HORIZONTAL UNIT HEATER
	E OR P		DIRECTION OF FLOW		HWP HOT WATER PUMP
	SRV-1 ROOF VENTILATOR, INTAKE		DUCT SIZE		HWR HOT WATER RETURN
	ERV-1 ROOF VENTILATOR, EXHAUST		CHANGE OF ELEVATION		HWS HOT WATER SUPPLY
	ROOF VENTILATOR, LOUVERED		ACCESS DOOR		LRR LINEAR RETURN REGISTER
	AIR OUTLET / INLET SYMBOL		ACOUSTICAL LINING		LSR LINEAR SUPPLY REGISTER
	CFM		BACK DRAFT DAMPER		MBH() 1,000 BRITISH THERMAL UNITS (C-COOLING, H-HEATING)
	DEVICE		HORIZONTAL POSITION FIRE DAMPER		MOD MOTOR OPERATED DAMPER
	SIZE TYPE		MANUAL VOLUME DAMPER		NC NORMALLY CLOSED
	THREE WAY VALVE		MANUAL SPLITTER DAMPER		NO NORMALLY OPENED
	GATE VALVE		SMOKE DAMPER		OED OPEN END DUCT
	VALVE		STANDARD BRANCH (S-SUPPLY, R-RETURN)		P SYSTEM PUMP
	TD TRIPLE DUTY VALVE		LINEAR DIFFUSER		PF PROPELLER FAN
	GLOBE VALVE		TRANSITION		PRV PRESSURE REGULATING VALVE
	2-WAY CONTROL VALVE		TURNING VANES		RD RETURN DIFFUSER
	CHECK VALVE		FLEXIBLE CONNECTION		RF ROOF FAN
	PRESSURE REDUCING VALVE		FLEXIBLE DUCT		RG RETURN GRILLE
	RELIEF VALVE				RR RETURN REGISTER
					RV RELIEF VENT
					SR SUPPLY REGISTER
					SHWP SECONDARY HOT WATER PUMP
					SD SUPPLY DIFFUSER
					TC TEMPERATURE CONTROL
					TG TRANSFER GRILLE
					TYP TYPICAL
					TV TURNING VANES
					UH UNIT HEATER
					WC WATER CHILLER
					VD VOLUME DAMPER

EXHAUST FAN SCHEDULE			
UNIT NUMBER		EF-1	EF-2
SERVICE		BATHROOM	ACC-1
FAN	CFM	20-80	2000 CFM
	SP	.15"	.15"
	RPM		
	TYPE	CEILING FAN	WALL MOUNTED
	DRIVE	DIRECT	DIRECT
	SONES	LESS THAN 1 SONE	
MATERIAL	DISCHARGE ARRANGEMENT	TOP OUTLET	
	HOUSING	ALUMINUM	ALUMINUM
	WHEEL	ALUMINUM	ALUMINUM
MOTOR	HP		1/4"
	ELECTRICAL	120 V / 1 / 60	120 V / 1 / 60
	FLA		5.8 A
MAKE		BRQAN	GREENHECK
MODEL		AE50110DCL	SE1-18-424-B
REMARKS:		WITH INTEGRATED LIGHT - CONTROLLED ON LIGHT SWITCH	TO TURN ON WHEN ACC-1 IS ON / PROVIDE WITH WALL SLEEVE.

REGISTER / DIFFUSER SCHEDULE			
UNIT NO.		SR-1	ER-1
SERVICE		SUPPLY REGISTER	EXHAUST GRILLE
CORE TYPE		LOUVERED FACE	LOUVERED FACE
FACE		LOUVERED	LOUVERED
DAMPER		NO	NO
MOUNTING	DUCT	--	--
	WALL	--	--
	CEILING	X	X
	FLOOR	--	--
CONSTRUCTION	FRAME	ALUMINUM	ALUMINUM
	CORE	STEEL	STEEL
	FINISH	WHITE POWDER COAT	WHITE POWDER COAT
MAKE		PRICE	PRICE
MODEL		600 - SUPPLY	600 - RETURN
ACCESSORIES		--	--
REMARKS			--

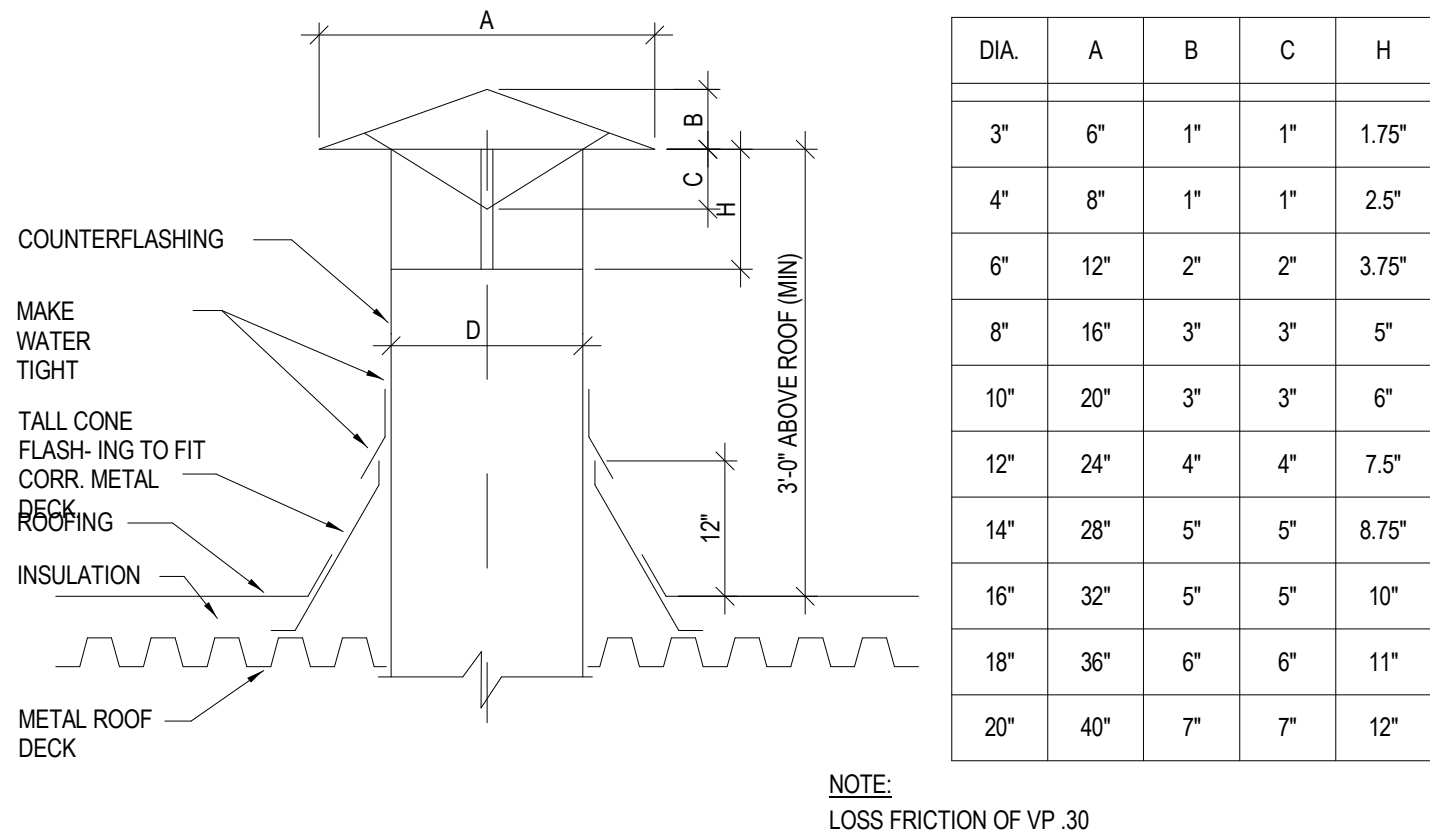
BASEBOARD SCHEDULE	
LETTER INDICATION	BB-1
SERVICE	RADIANT HEAT
CAPACITY (BTU/HLF)	160 CFM
AVG WATER TEMP (°F)	YES
ENT. AIR TEMP (°F)	WHITE
ENT. WATER TEMP (°F)	16" X 22" X 2"
LVG WATER TEMP (°F)	6825
FLUID	
ACCESSORIES	
MAKE	ZEHNDER RITTLING
MODEL	
REMARKS	PRF-4
NOTES: CONTRACTOR MAY SUBMIT EQUAL FOR APPROVAL	

CONDENSER SCHEDULE			
UNIT NO.		ACC-1	
NOMINAL COOLING CAPACITY (BTU/H)		24000	
NUMBER OF PORTS		3-PORT	
ELECTRICAL	VOLTS / PHASE / HERTZ	208-230 / 1 / 60	
	MCA	23 A	
	RLA	17.5 A	
	RECOMMENDED BREAKER SIZE	25 A	
REFRIGERANT PIPING	LIQUID (INCHES)	1" X 3	
	GAS (INCHES)	3/8" X 1 1/2" X 2	
	H/L PRESSURE CONNECTION (INCHES)	--	
	MAX TOTAL REFRIGERANT PIPE LENGTH (FT)	230'	
	TYPE	R410A	
NET WEIGHT (LBS)		140 LBS	
DIMENSIONS (INCHES)	HEIGHT X WIDTH X DEPTH	38" X 14" X 29"	
MANUFACTURER		DAIKIN	
MODEL		3MXL24RMVJU	
NOTES:		PROVIDE DISCONNECT SWITCH WITH UNIT - UNIT TO BE COOLING ONLY	

INDOOR FAN COIL UNIT SCHEDULE			
UNIT NO.		FCU-1	FCU-1
UNIT TYPE		CASSETTE	WALL-MOUNTED
NOMINAL COOLING CAPACITY	BTU/H	9000	9000
NOMINAL HEATING CAPACITY	BTU/H	--	--
FAN	TYPE	BLDC	BLDC
	AIRFLOW RATE	CFM	330
	WATTS		200
ELECTRICAL	VOLTAGE, PHASE, HERTZ	208-230 / 1 / 60	208-230 / 1 / 60
	MCA	A	23
MOP	A	15	15
REFRIGERANT PIPING DIMENSIONS	LIQUID (HIGH PRESSURE)	1/4"	1/4"
	SUCTION	3/8"	3/8"
DRAIN PIPE DIMENSIONS		1-1/2"	1-1/2"
SOUND PRESSURE LEVELS	DB(A)	28	30
NET WEIGHT	LBS	36	20
DIMENSIONS (IN)	LENGTH X WIDTH X HEIGHT	22-5/8" X 22-5/8" X 11-3/4"	32" X 8-7/16" X 11-5/8"
MANUFACTURER		DAIKIN	DAIKIN
MODEL		FFQ09QZVJU	FTXS09LVJU
NOTES:		PROVIDE CONDENSATE PUMP WITH UNIT	PROVIDE CONDENSATE PUMP WITH UNIT

GENERAL NOTES:

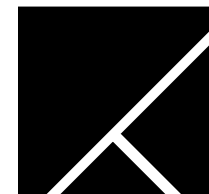
- A. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND INDICATE THE SIZE AND GENERAL ARRANGEMENT OF PIPING, DUCTWORK, EQUIPMENT ETC. EXACT LOCATIONS AND ROUTINGS SHALL BE DETERMINED IN THE FIELD BEFORE AND AS THE WORK PROGRESSES. CAREFULLY COORDINATE THE WORK OF THIS TRADE WITH ALL OTHER TRADES.
- B. DRAWING DO NOT INDICATE ALL OFFSETS, CHANGES IN ELEVATION ETC WHICH MAY BE REQUIRED BY ACTUAL FIELD CONDITIONS. THE CONTRACTOR IS TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO INSTALLATION AND MAKE SUCH CHANGES IN PIPING, DUCTWORK, EQUIPMENT LOCATIONS, ETC. AS NECESSARY TO ACCOMMODATE EXISTING CONDITIONS. COORDINATE ALL CHANGES WITH OTHER TRADES, AND ARCHITECT.
- C. ALL CUTTING AND PATCHING OF EXISTING BUILDING COMPONENTS REQUIRED TO ACCOMMODATE THE WORK OF THIS CONTRACT SHALL BE THE RESPONSIBILITY OF THIS TRADE. ALL PATCHING SHALL MATCH EXISTING COMPONENTS AND FINISHES. WORK SHALL BE PERFORMED BY PERSONNEL TRAINED AND REGULAR EMPLOYED FOR SUCH SERVICES.
- D. INSTALL ALL PIPING, DUCTWORK, EQUIPMENT, ETC. TO AVOID INTERFERENCE WITH THE OPERATION AND SERVICING OF ALL NEW AND EXISTING EQUIPMENT. IN GENERAL, DO NOT INSTALL ANYTHING ABOVE OR WITHIN 3 FT IN FRONT OF ELECTRICAL PANELS AND GEAR.
- E. FIRESTOP ALL PIPING PENETRATIONS THRU FLOORS AND WALLS. SEE DETAILS ON LEGEND, SCHEDULES, DETAIL SHEET AND SPECIFICATION DIVISION 7.
- F. THE WORK INCLUDED IN THIS CONTRACT ENCOMPASSES BOTH THE DRAWINGS AND SPECIFICATIONS. WORK INCLUDED ON THE DRAWINGS ONLY, OR IN THE SPECIFICATIONS ONLY, SHALL BE INCORPORATED AS IF INCLUDED IN BOTH SYSTEMS ARE INTENDED TO BE COMPLETE AND FULLY FUNCTIONING. IT IS NOT INTENDED TO SHOW EVERY ITEM OF WORK OR MINOR PIECE OF EQUIPMENT. THE CONTRACTOR SHALL PROVIDE SUCH COMPONENTS, ETC. AS NECESSARY OR REQUIRED FOR A FULLY FUNCTIONING SYSTEM, IN ACCORDANCE WITH THE BEST PROFESSIONAL PRACTICE OF THE TRADE.
- H. EACH PRIME CONTRACTOR IS RESPONSIBLE FOR PROVIDING THEIR OWN FLOOR PENETRATIONS. PRIOR TO MAKING ANY CONCRETE FLOOR SLAB PENETRATIONS EACH CONTRACTOR SHALL SCAN THE SLAB USING A "REBAR LOCATING DEVICE" TO LOCATE EXISTING REINFORCING STEEL, UTILITIES, AND OTHER EMBEDMENTS WITHIN OR BELOW THE SLAB. LOCATION OF ALL PENETRATIONS SHALL BE ADJUSTED TO AVOID DISTURBING OR CUTTING ANY EXISTING SLAB REINFORCING STEEL, UTILITIES, AND OTHER EMBEDMENTS WITHIN OR BELOW THE SLAB. PROVIDE SCAN RESULTS TO THE ARCHITECT/ENGINEER AND OTHER CONTRACTORS.



NOTES:

- NEW ROOF
1. ROOF OPENING & FRAMING BY G.C.
 2. ROOF FLASH & COUNTER FLASH BY G.C.

1 FLUE / VENT DETAIL



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Client: EMPIRE STATE DEVELOPMENT

Project: LONGSHED INTERIOR RENOVATIONS

Project Address: CANALSIDE
44 PRIME STREET
BUFFALO, NY 14202

Drawing History: # Date Description

Project Status: NOT FOR CONSTRUCTION

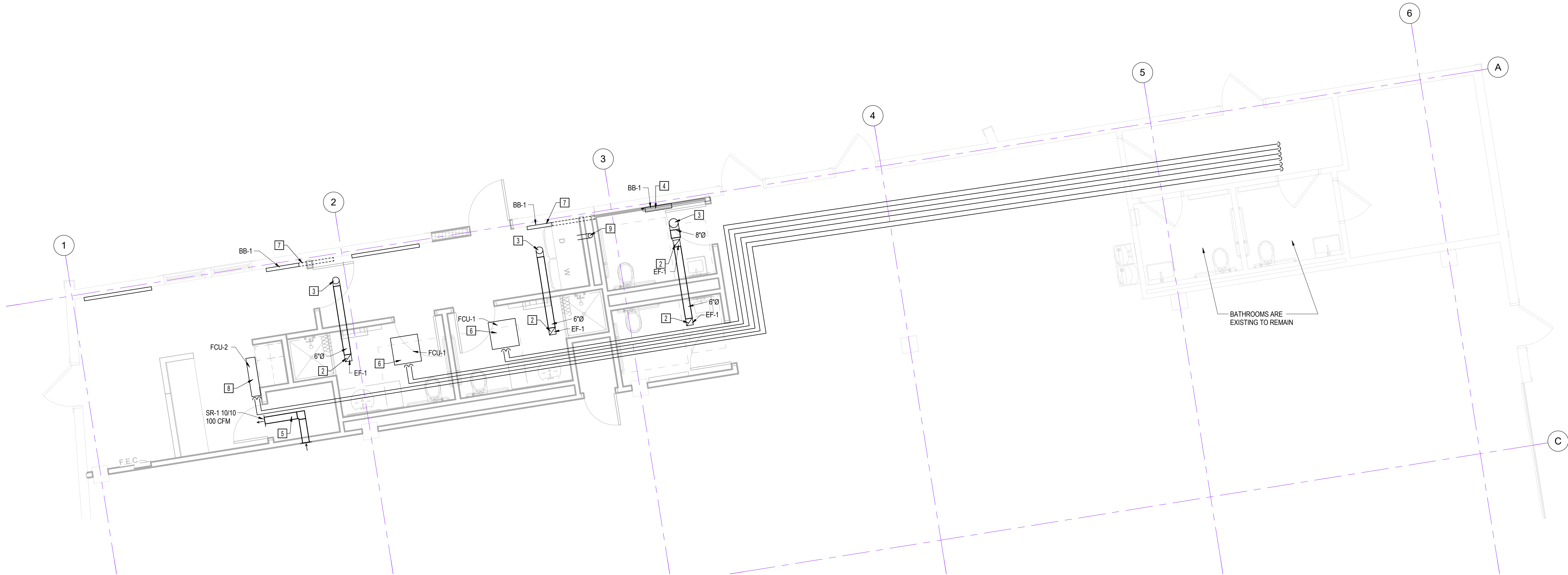
Date: MAY 16, 2023

Project Number: 23007

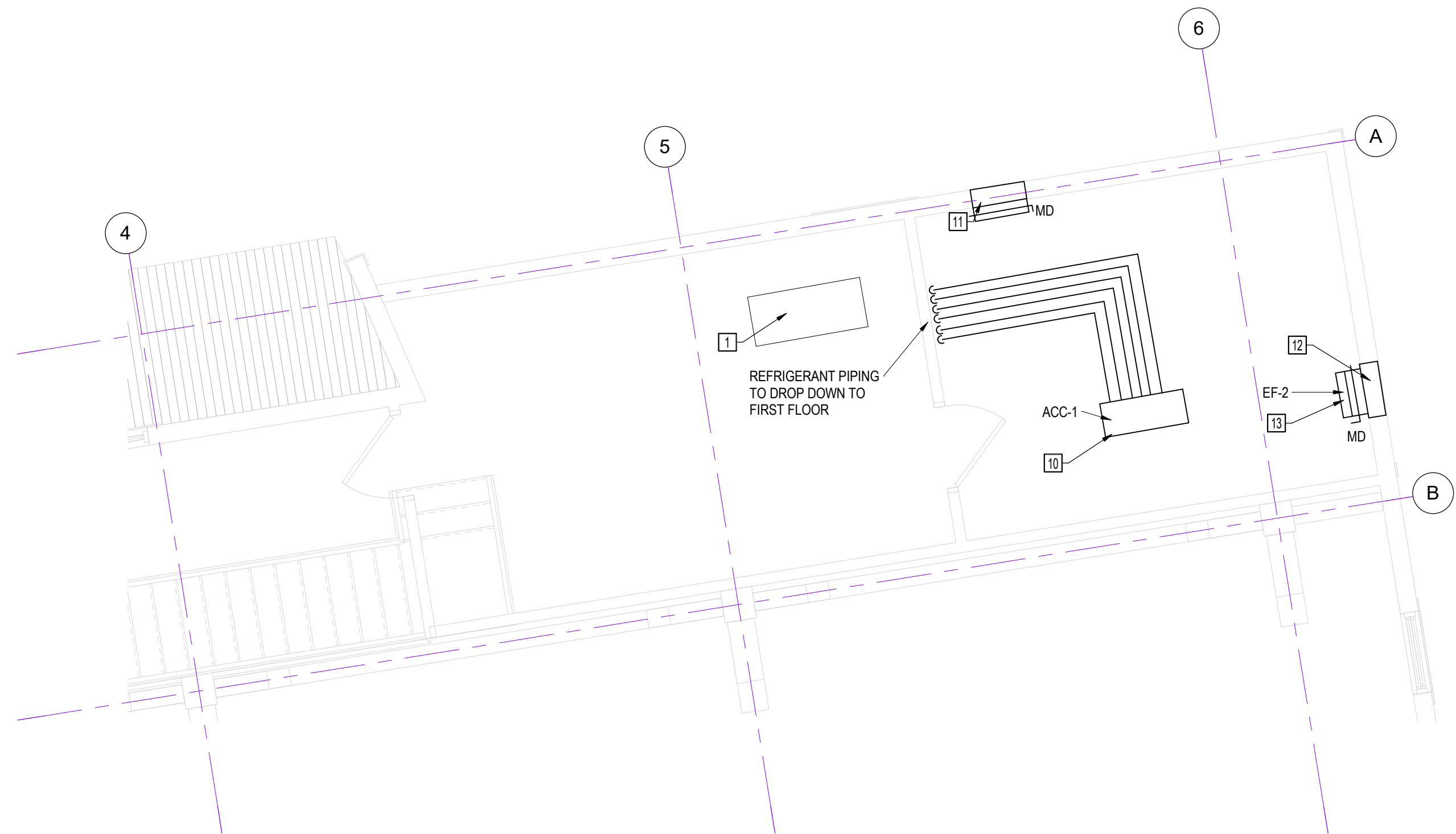
Sheet Title: MECHANICAL SCHEDULES, SYMBOLS, AND LEGENDS

Sheet Number:

M001



1 FIRST FLOOR MECHANICAL PLAN
1/4" = 1'-0"



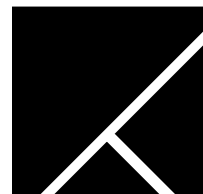
2 MEZZANINE MECHANICAL PLAN
1/4" = 1'-0"

GENERAL MECHANICAL NOTES:

- COORDINATE ALL WORK WITH EACH REQUIRED CONTRACTOR PRIOR TO INSTALLATION.
- IF ANY CHANGES ARE MADE TO THESE DOCUMENTS, ENGINEER OF RECORD IS TO APPROVE THIS CHANGE.
- WORK IS TO FOLLOW ALL LATEST 2020 CODE ADAPTATIONS.

MECHANICAL DRAWING NOTES:

- ERV LOCATED ON MEZZANINE ABOVE. ERV IS BALANCED TO 1600 CFM SUPPLY AND RETURN AIR. REBALANCE THE UNIT TO PROVIDE 1600 CFM OF SUPPLY AIR. RETURN AIR SIDE NOT TO CHANGE.
- BATHROOM EXHAUST FAN TO HANG IN CEILING. UNIT TO BE A CONSTANT VOLUME FAN. UNIT TO RAMP UP TO 80 CFM WHEN THE LIGHT IS TURNED ON. UNIT TO RUN AT A CONSTANT 20 CFM WHEN THE LIGHT IS OFF. INSTALL PER MANUFACTURERS INSTRUCTIONS.
- EXHAUST DUCT THROUGH OVERHANG ABOVE. DUCT TO BE PROVIDED WITH WEATHERPROOF MUSHROOM CAP AT ROOF ABOVE. REFER TO DETAIL 1 ON M-001 FOR DETAIL.
- PROVIDE 2' SECTION OF FIN-1 NOTED ON THE SCHEDULES PAGE. 1/2" HWS AND HWR TO BE RUN FROM MEZZANINE ABOVE. PROVIDE MANUAL FLOW SETTER ON SUPPLY LINE. INSULATE PIPING AS REQUIRED PER ENERGY CODE.
- 6" TRANSFER DUCT TO TRANSFER AIR FROM MAIN WORKSHOP. PROVIDE SOUND LINER IN DUCT. DUCT TO PROVIDE 100 CFM TO NEW LOBBY/BATHROOM SPACE.
- CEILING CASSETTE FAN COIL TO SIT IN BATHROOM CEILING. UNIT TO BE CONTROLLED OFF THERMOSTAT BY THE DOOR. INSTALL UNIT IN BETWEEN FLOOR STRUCTURE IN CEILING. INSTALL PER MANUFACTURERS INSTRUCTIONS.
- REMOVE SECTION OF FIN TUBE AND REINSTALL 26" SECTION OF BB-1 IN LOCATION SHOWN. INSTALL PER MANUFACTURERS INSTRUCTIONS.
- WALL MOUNTED FAN COIL. FAN COIL TO SIT HIGH ON WALL. UNIT TO BE CONTROLLED OFF THERMOSTAT BY THE DOOR. INSTALL PER MANUFACTURERS INSTRUCTIONS.
- LAUNDRY EXHAUST DUCT TO GO UP THE CHASE BEHIND THE WASHER DRYER. DUCT TO BE PROVIDED WITH WEATHERPROOF MUSHROOM CAP AT ROOF ABOVE. REFER TO DETAIL 1 ON M-001 FOR DETAIL.
- AIR COOLED CONDENSER TO BE LOCATED IN THE MEZZANINE MECHAICAL ROOM. UNIT TO BE COOLING ONLY. HANG UNIT OFF STRUCTURE ABOVE WITH UNISTRUT. INSTALL UNIT PER MANUFACTURERS INSTRUCTIONS.
- 3' X 3' INTAKE LOUVER TO SERVE ACC-1. COORDINATE INSTALL WITH GC. UNIT TO BE PROVIDED WITH MOTORIZED DAMPER. DAMPER TO OPEN WHEN ACC-1 IS ON. DAMPER TO FAIL CLOSED.
- 3' X 3' EXHAUST LOUVER TO SERVE ACC-1. COORDINATE INSTALL WITH GC. UNIT TO BE PROVIDED WITH MOTORIZED DAMPER. DAMPER TO OPEN WHEN ACC-1 IS ON. DAMPER TO FAIL CLOSED. PROVIDE BACK DRAFT DAMPER WITH EXTERIOR LOUVER.
- EXHAUST FAN TO SERVE ACC-1. FAN TO TURN ON WHEN ACC-1 IS ON.



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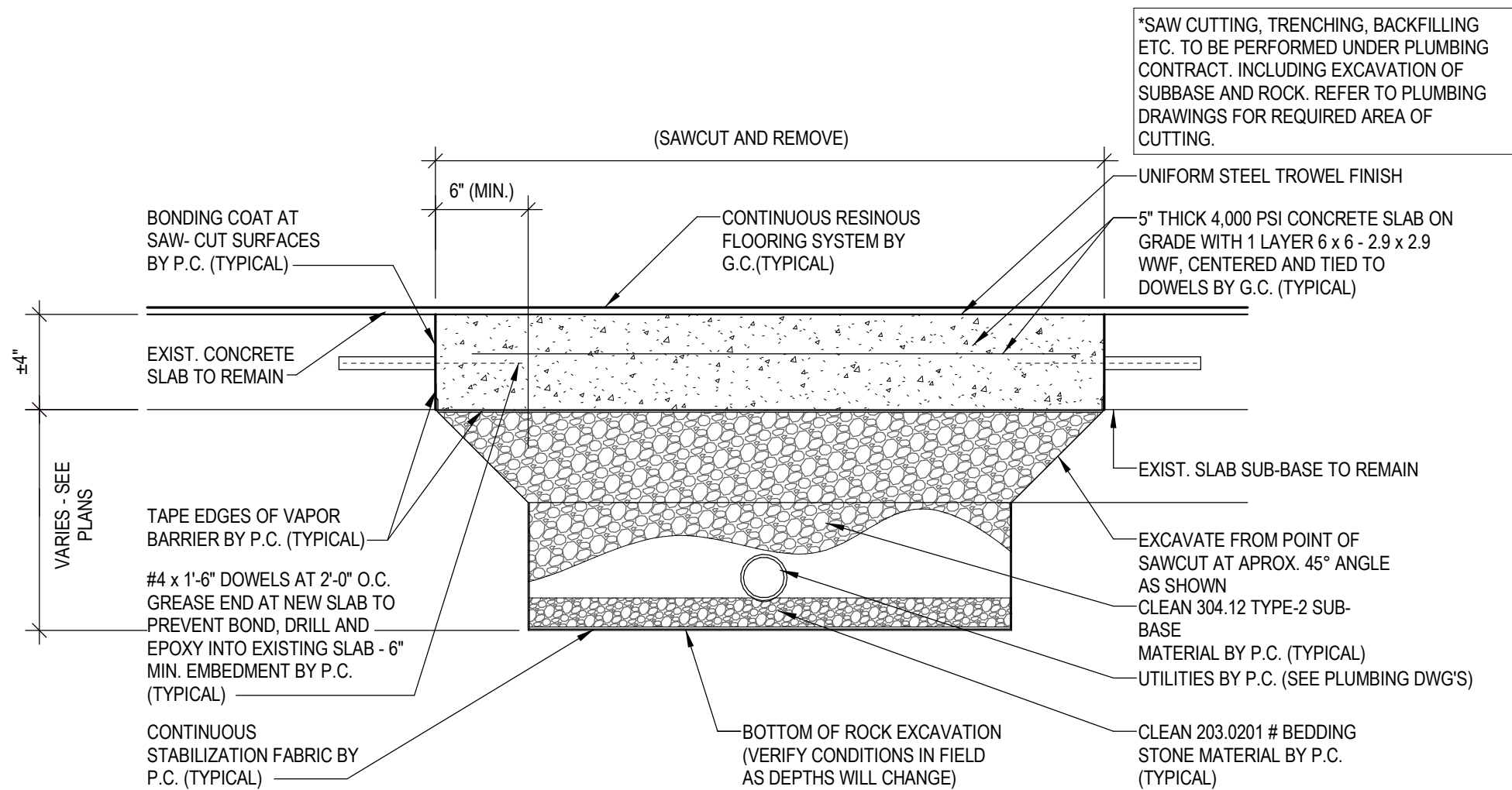
Date: MAY 16, 2023

Project Number: 23007

Sheet Title: **MECHANICAL
FLOOR PLANS**

Sheet Number:

M101



2 TRENCH DETAIL

NOT TO SCALE

GENERAL PLUMBING NOTES:

- WHERE PIPING, FIXTURE, OR EQUIPMENT IS INDICATED TO BE PROVIDED, PROVIDE FIXTURE, PIPING, AND AL ASSOCIATED ACCESSORIES, INCLUDING SUPPLY FITTINGS, FAUCET, TRAP, SUPPORTS, HANGERS, INSULATION, ETC. EXTEND PIPING ACCORDING TO DRAWINGS AND AS NECESSARY TO CONNECT FIXTURES AND EQUIPMENT. SEE SCHEDULES AND SPECIFICATIONS FOR DETAILS.
- COORDINATE INSTALLATION WITH ALL OTHER TRADES, INCLUDING OTHER PIPING, DUCTWORK, GRILLES, LIGHTS, ETC. AS WELL AS THE EXISTING STRUCTURE. CEILING SPACE IS VERY LIMITED AND INSTALLATION BE CAREFULLY COORDINATED. COORDINATE PIPING INSTALLATION IN CHASES WITH ALL OTHER CONTRACTORS.
- COORDINATE ALL FLOOR PENETRATIONS WITH THE GENERAL CONTRACTOR.
- INSTALL ALL MATERIALS AND EQUIPMENT ACCORDING TO MANUFACTURES INSTRUCTIONS AND RECOMMENDATIONS AND ACCORDING TO CODE.
- ALL PIPING, EQUIPMENT, AND ALL ACCESSORIES IN ALL AREAS, ARE TO BE INSTALLED TIGHT TO THE STRUCTURE TO ALLOW THE GREATEST FLOOR TO CEILING CLARENCE POSSIBLE. VERIFY EXACT ROUTING IN FIELD.
- PROVIDE FIRESTOPPING AT ALL PIPE PENETRATIONS THROUGH ALL FIRE RATED ASSEMBLIES. SEE ARCHITECTURAL DRAWINGS FOR FIRE RATINGS.
- LABEL ALL PIPING, VALVES, EQUIPMENT, SPECIALTIES, ETC. ACCORDING TO CODE AND TO SPECIFICATIONS.
- INSULATE ALL PIPING ACCORDING TO NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE AND TO SPECIFICATIONS.
- PROVIDE ALL TESTING AND ADJUSTING ACCORDING TO CODE AND TO SPECIFICATIONS.
- ALL VALVES OR OTHER EQUIPMENT REQUIRING FUTURE SERVICE/MAINTENANCE ARE TO BE LOCATED IN ACCESSIBLE AREA. PROVIDE LOCKABLE ACCESS DOORS WHERE REQUIRED. COORDINATE WITH GENERAL CONTRACTOR.
- ALL PLUMBING WORK MUST BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND ALL AUTHORITIES HAVING JURISDICTION.
- PLUMBING CONTRACTOR IS RESPONSIBLE FOR SAW CUTTING OF EXISTING SLAB WHERE UNDERSLAB PIPES ARE TO BE REMOVED AND NEW PIPE IS TO BE INSTALLED. ALONG WITH REMOVAL OF ALL FILL, SUB BASE AND ANY RICK ENCOUNTERED. REFER TO DRAWINGS FOR SLAB REPAIR DETAIL. PLUMBER SHALL BE RESPONSIBLE FOR ALL SLAB REPAIR PER THE DETAIL.
- ALL NEW AND EXISTING UNINSULATED PIPING THAT IS INSTALLED IN EXPOSED AREAS SHALL BE PAINTED TO MATCH THE EXISTING CONDITIONS. VERIFY COLORS IN FIELD.

PLUMBING SYMBOLS / ABBREVIATIONS LEGEND:

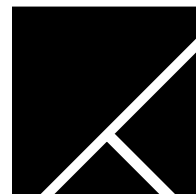
NEW PIPING	VIR	VALVE IN RISER
DEMOLITION	RISER DOWN (ELBOW)	
EXISTING TO REMAIN	RISER UP (ELBOW)	
VENT	RISE OR DROP	
STORM / RAINWATER DRAIN	BRANCH - TOP CONNECTION	
SOIL, WASTE, OR SANITARY SEWER (SAN)	BRANCH - BOTTOM CONNECTION	
NATURAL GAS	BRANCH - SIDE CONNECTION	
EMERGENCY (SECONDARY) STORM DRAIN	CAP ON END OF PIPE	
CONDENSATE DRAIN (COND)	TRAP	
DOMESTIC COLD WATER (DCW)	FLOOR DRAIN	
DOMESTIC HOT WATER (DHW)	ROOF DRAIN	
RECIRCULATING DOMESTIC HOT WATER (DHW-R)	EXISTING FIXTURE TO REMAIN	
SHUTOFF VALVE	FIXTURE TO BE PROVIDED	
CLEANOUT PLUG	FIXTURE TO BE REMOVED	
FLOOR CLEANOUT	EQUIPMENT	
WALL CLEANOUT	EXISTING TO REMAIN	
STRAINER	MECHANICAL	
PUMP	TYPICAL	
WATER HAMMER ARRESTER (SIZE INDICATED)	VENT THROUGH ROOF	
HOSE BIBB (HB) OR WALL HYDRANT (WH)	POINT OF CONNECTION TO EXISTING	
GAS COCK, GAS STOP		
BALANCING VALVE		
SOLENOID OPERATED VALVE		
BACKFLOW PREVENTER		
RPZ = REDUCE PRESSURE ZONE TYPE		
CHECK VALVE		
EXPANSION JOINT (EJ)		

PLUMBING FIXTURE SCHEDULE												
TAG	--	FIXTURE	MATERIAL	TYPE	OPERATOR/ FITTING	CARRIER	DCW	DHW-140 DEG F	DHW-115 DEG F	WASTE	VENT	NOTES & ACCESSORIES
LAV-1	DESCRIPTION	LAVATORY	VITREOUS CHINA	WALL MOUNT	HARDWIRE, SENSOR FAUCET, 0.5 GPM, SIDE MIXER	NA	1/2"	NA	1/2"	1-1/4"	1-1/4"	PROVIDE QUATER TURN (BRASSCRAFT COMPRESSION) ANGLE STOPS. SINK SUPPLY HOSE CONNECTION, AND 1-1/4" x 1-1/4" P TRAP (MCGUIRE "MCT125 SERIES.")
	MANUFACTURER	SLOAN	--	ADA COMPLAINT MOUNTING HEIGHT	SLAON MODEL # EAF-100	--	--	--	--	--	--	
WC-1	DESCRIPTION	WATER CLOSET	VITREOUS CHINA	WALL MOUNT, REAR SPUD FLUSH VALVE, SLOANTEC GLAZE	REAR SPUD, 1.28 GPF, HARDWIRE SENSOR, CONCEALED	WATTS ADJUSTABLE	1"	NA	NA	4"	2"	PROVIDE OPEN FRONT, ELONGATED WHOTE TOILET SEAT, COORDIANTE INSTALL WITH ELECTRICAL CONTRACTOR. PROVIDE ANY ADDITIONAL ACCESSORIES INCLUDING LOW VOLTAGE WIREING AND TRANSFORMERS.
	MANUFACTURER	SLOAN	--	MODEL # ST-2459-STG	SLOAN ROYAL 152 ESS-28							
SHWR-1	DESCRIPTION	SHOWER	--	ADA SHOWER PAN	SHOWER ONLY, 1.75 GPM, SINGLE HANDLE, SINGLE FUNCTION	NA	1/2"	NA	1/2"	2"	2"	PROVIDE WITH ADA COMPLAINT GRAB BARS. HORIZONTAL AND VERTICAL GRAB BARS. PROVIDE MOAN UNIVERSAL ROUGH IN VALVE WITH SHOWER TRIM.
	MANUFACTURER	BESTBATH	--	ADA TRANSFER SHOWER PAN-ONE PIECE 40X38-FRONT TRENCH DRAIN	MOAN MODEL # T2262EP CIA SHROME POSI-TEMP SHOWER	--	--	--	--	--	--	
LB-1	DESCRIPTION	LAUNDRY BOX	ABS	FIRE RATED BOX, 1/2" SUPPLY W/ ARRESTERS, 2" DRAIN	NA	NA	1/2"	NA	1/2"	2"	1-1/2"	PROVIDE SECONDARY FUNNEL DRAIN FOR MECHANICAL CONDENSATE PIPING. REFER TO PLAN FOR CONDENSATE DISCHARGE.
	MANUFACTURER	SIOUX CHIEF	--	696R SERIES	--	--	--	--	--	--	--	
FD-1	DESCRIPTION	FLOOR DRAIN	CAST	6" SQUARE STRAINER, CAST IRON, ADJUSTABLE, NO-HUB	NA	NA	NA	NA	NA	4"	NA	BATHROOM FLOOR DRIANS TO HAVE TRAP PRIMER DEVICE AND SUPPLY INE TO FLOOR DRAINS. VEIRFY LOCATION OF TRAP PRIMER DEVICE IN FIELD.
	MANUFACTURER	WATTS	--	FD-100-M	--	--	--	--	--	--	--	
CO-1	DESCRIPTION	FLOOR CLEANOUT	CAST	5" SQUARE STRAINER, CAST IRON, NO-HUB	NA	NA	NA	NA	NA	4"	NA	INSTALL STRAINER FLUSH WITH FINISHED FLOOR.
	MANUFACTURER	WATTS	--	CO-1200-S	--	--	--	--	--	--	--	
WCO-1	DESCRIPTION	WALL CLEANOUT	STAINLESS STEEL	S.S. ACESS COVER	NA	NA	NA	NA	NA	3"	NA	COORDINATE WALL CLEAN TYPE WITH SANIATRY PIPE FITTINGS.
	MANUFACTURER	WATTS	--	CO-590-RD	--	--	--	--	--	--	--	
NOTES:												
1. FIXTURES ARE BASIS OF DESIGN. FINAL FIXTURES SELECTION BY OWNER. CONTRACTOR MAY SUBMIT EQUAL FOR APPROVAL.												

WATER HEATER SCHEDULE									
UNIT TAG	MANUFACTURER	MODEL	STORAGE CAPACITY	INLET TEMPERATURE	OUTLET TEMPERATURE	INPUT	CONNECTION	DIMENSIONS	KEY NOTES
DWH-1	LOCHINVAR	PVN05050 200	50 GAL	40 DEG. F	140 DEG. F.	50,000 BTU/HR	3/4" CW, 3/4" HW, 1/2" GAS	--	1, 2
NOTES:									
1. WATER HEATER TO MATCH EXISTING.									
2. PROVIDE 2X4 WOOD BASE W/ 3/4" PLY WOOD AND PAINT TO MATCH EXISTING. +/- 3" SQ. BASE									
3. PROVIDE WATER HEATER DRAIN PAN. PIPE OUTLET TO NEAREST FLOOR DRAIN. PIPE T&P VALVE DOWN TO DRAIN PAN.									
4. PIPE POWER VENT PIPE THROUGH ROOF.									
5. PROVIDE THERMAL EXPANSION TANK. AMTROL "ST-12," 4.4 GALLON TANK, 3/4" CONNECTION									

INSULATION SCHEDULE		
SERVICE	PIPE SIZE	
--	< 1-1/2"	> 1-1/2"
DOMESTIC COLD WATER	1"	1-1/2"
DOMESTIC HOT WATER (S/R)	1"	2"
STORM	1"	2"
SANITARY / VENT	1"	1"
NOTES: S/R = SUPPLY & RETURN		

VALVE SCHEDULE			
VALVE	SERVICE	TYPE	NOTES
BV-1	HOT WATER RETURN BALANCING VALVE	B&G CIRCUIT SOLVER	SYSTEM TO BE BALANCED POST INSTALL
NOTES: ENTIRE SYSTEM TO BE REBALANCED, NEW AND EXISTING BALANCING VALVES.			



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Project: **LONGSHED INTERIOR RENNOVATIONS**

Project Address: CANAL SIDE
44 PRIME STREET
BUFFALO, NY 14202

Drawing History: # Date Description

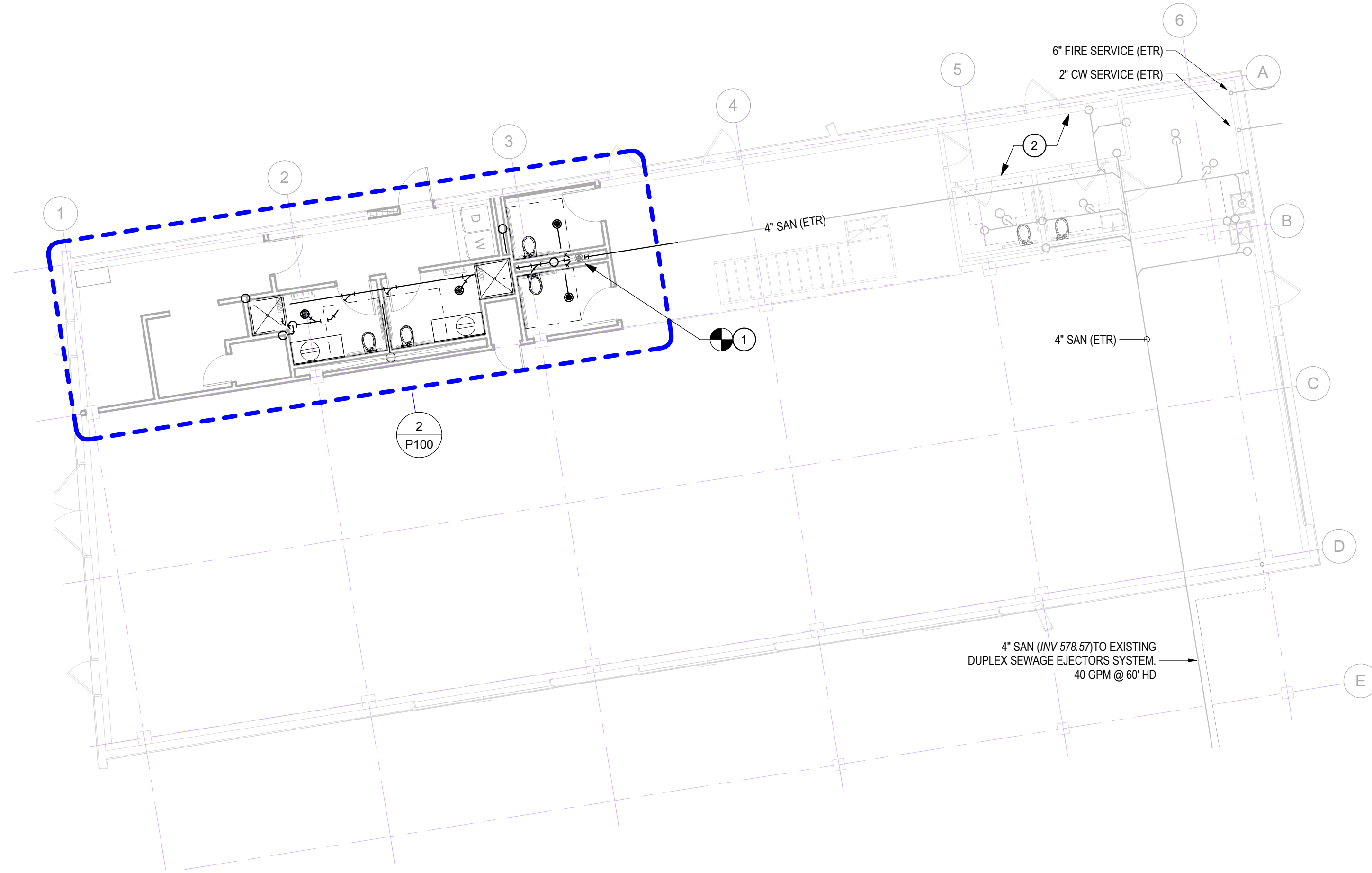
Project Status: **NOT FOR CONSTRUCTION**

Date: MAY 16, 2023

Project Number: 23007

Sheet Title: **SYMBOLS AND LEGENDS**

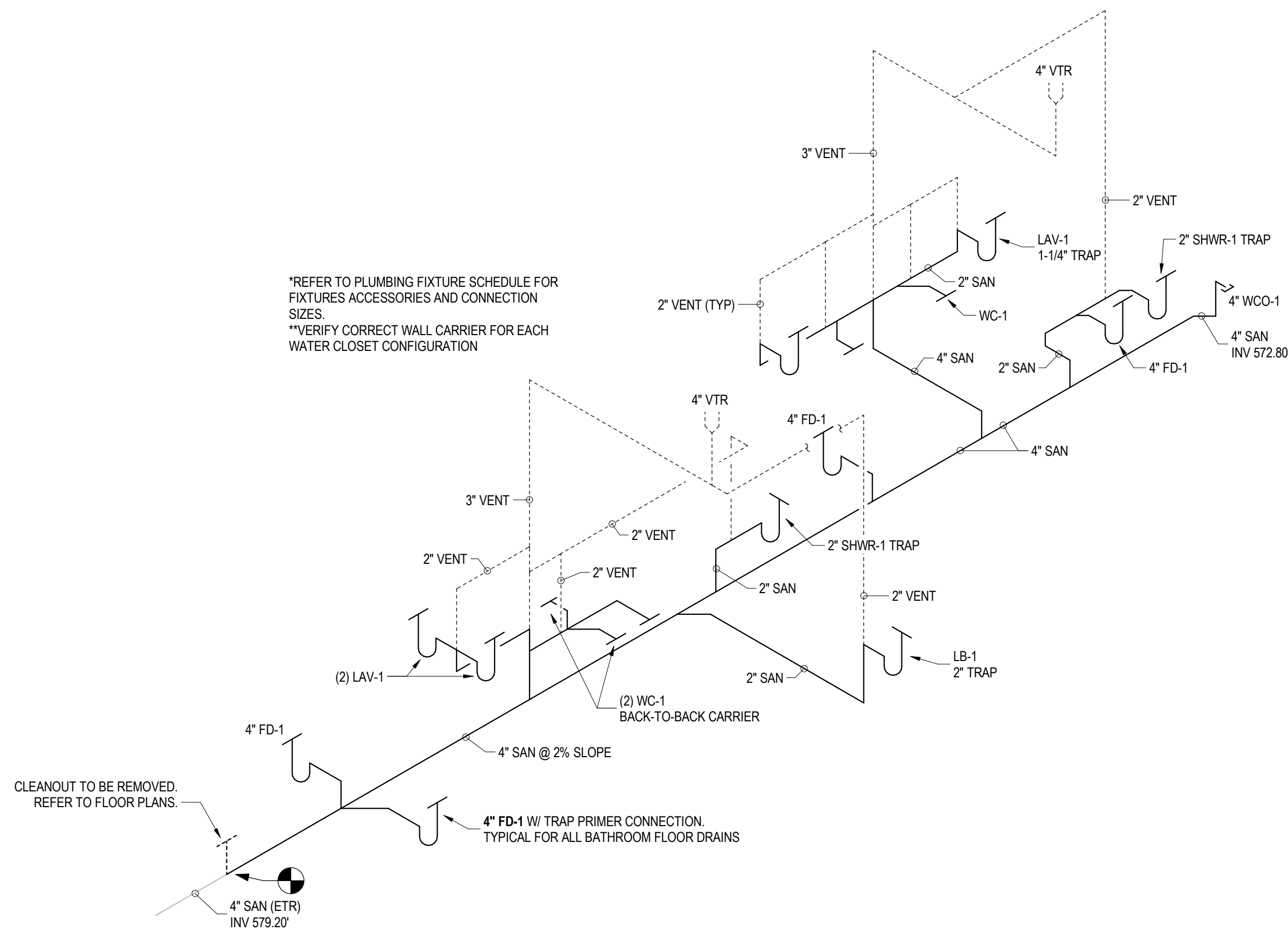
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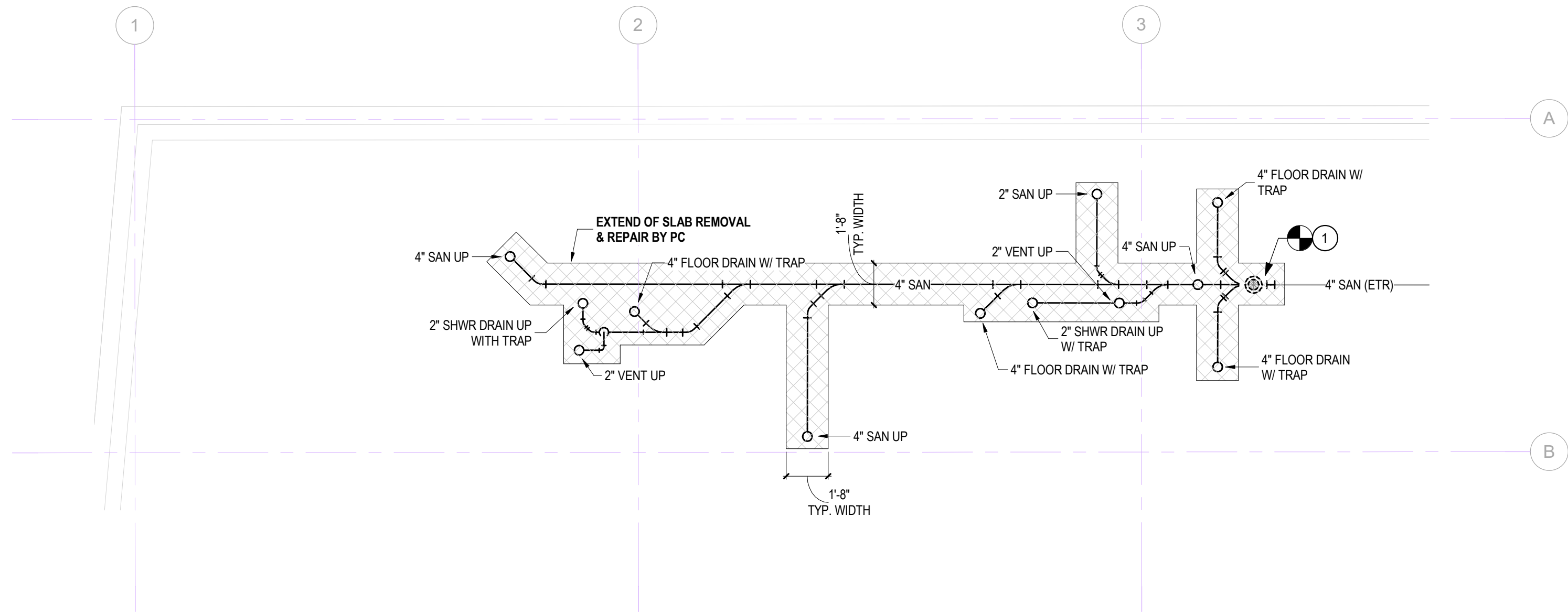
1 OVERALL FIRST FLOOR PLUMBING PLAN
1/8" = 1'-0"

PLUMBING DRAWING NOTES:

1. REMOVE EXISTING FLOOR CLEAN OUT AND EXTEND SANITARY SEWER FOR NEW PLUMBING FIXTURES.
2. PLUMBING FIXTURES ARE EXISTING TO REMAIN.



4 SANIATRY ISOMETRIC DETAIL
NOT TO SCALE



2 ENLARGED UNDERSLAB BATHROOM PLAN
1/4" = 1'-0"



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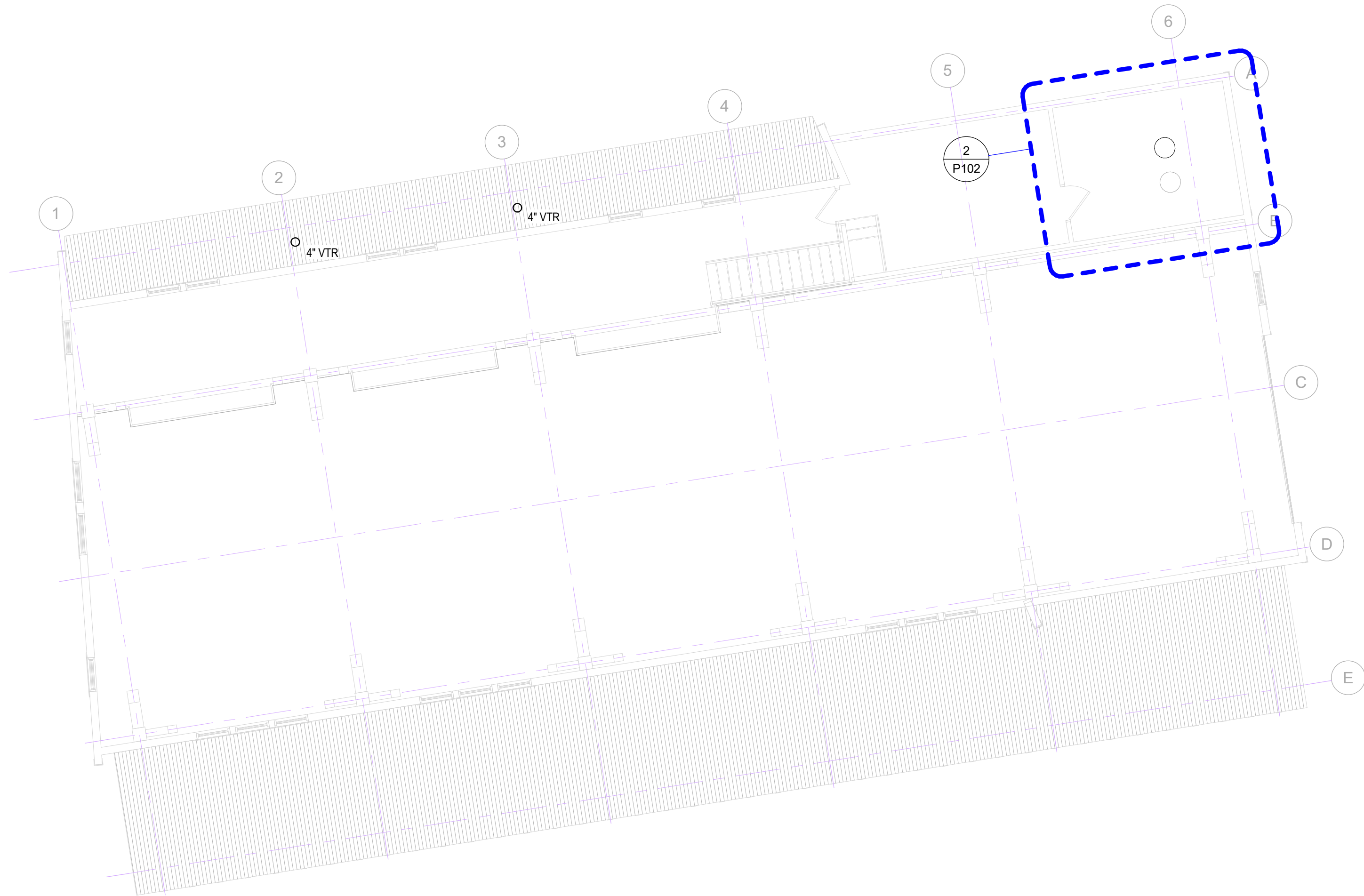
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Sheet Number: P100

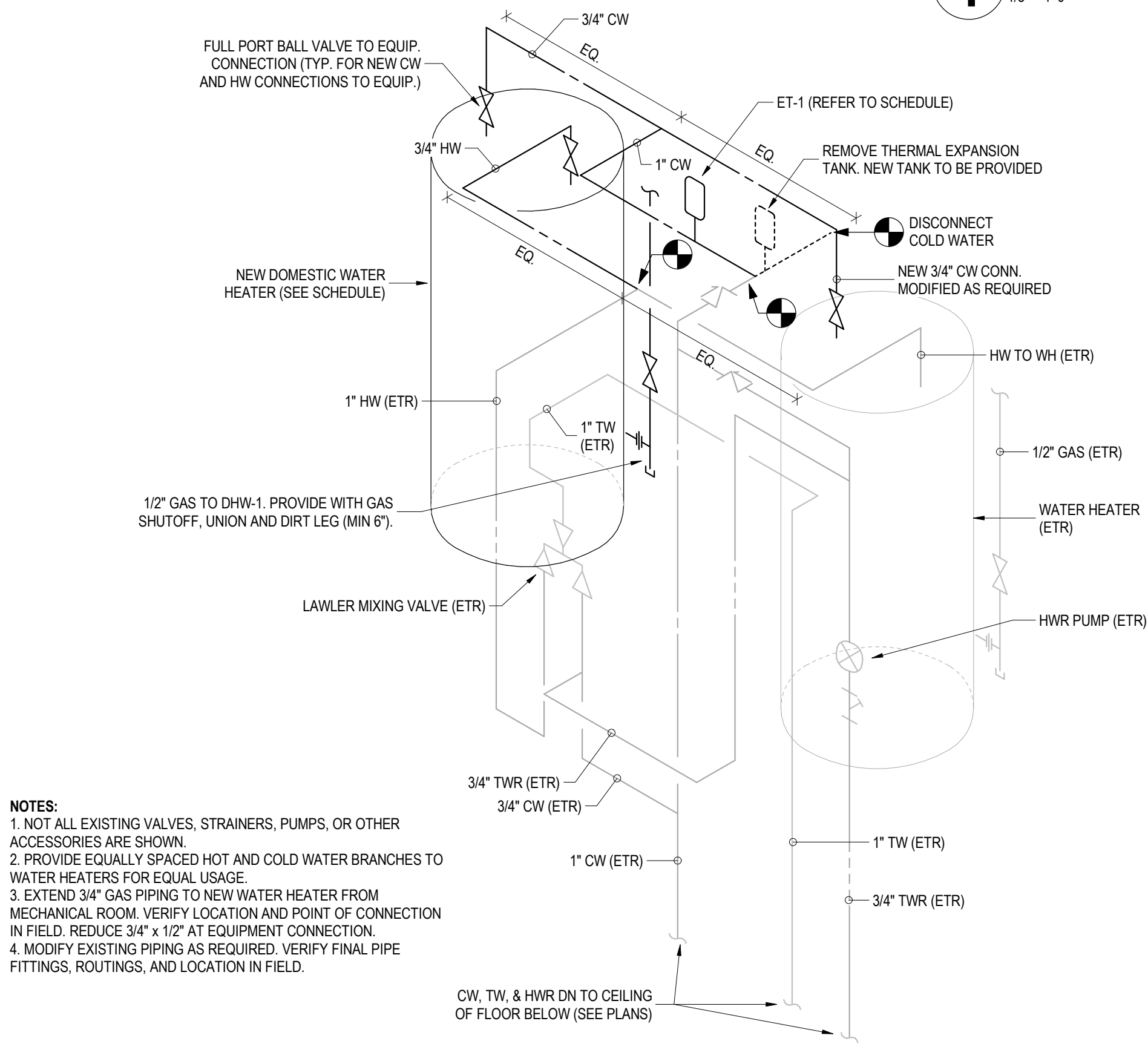


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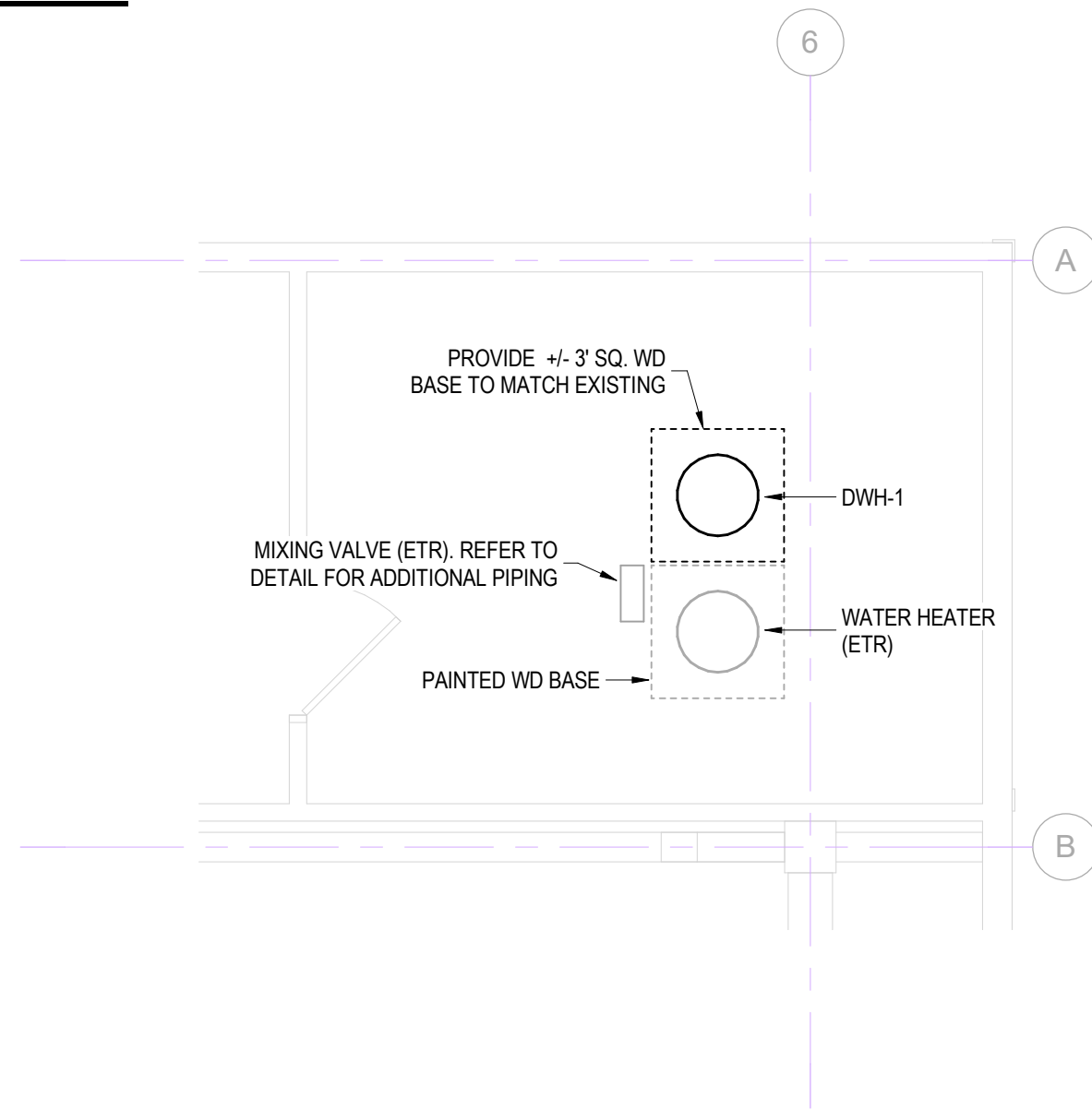


1 OVERALL MEZZANINE PLAN
1/8" = 1'-0"



- NOTES:**
1. NOT ALL EXISTING VALVES, STRAINERS, PUMPS, OR OTHER ACCESSORIES ARE SHOWN.
 2. PROVIDE EQUALLY SPACED HOT AND COLD WATER BRANCHES TO WATER HEATERS FOR EQUAL USAGE.
 3. EXTEND 3/4" GAS PIPING TO NEW WATER HEATER FROM MECHANICAL ROOM. VERIFY LOCATION AND POINT OF CONNECTION IN FIELD. REDUCE 3/4" x 1/2" AT EQUIPMENT CONNECTION.
 4. MODIFY EXISTING PIPING AS REQUIRED. VERIFY FINAL PIPE FITTINGS, ROUTINGS, AND LOCATION IN FIELD.

3 WATER HEATER PIPING DETAIL
NOT TO SCALE



2 ENLARGED MECHANICAL ROOM PLAN
1/4" = 1'-0"



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John F. Daly

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Client: EMPIRE STATE DEVELOPEMNT

Project: LONGSHED INTERIOR RENNOVATIONS

Project Address: CANAL SIDE
44 PRIME STREET
BUFFALO, NY 14202

Drawing History: # Date Description

Project Status: NOT FOR CONSTRUCTION

Date: MAY 16, 2023

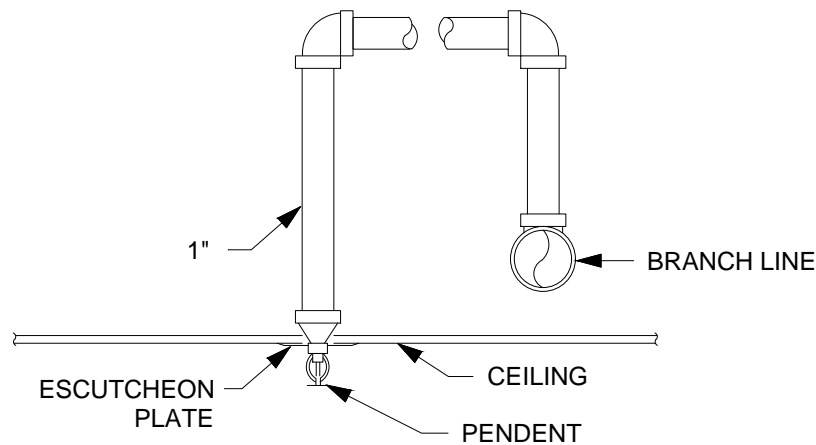
Project Number: 23007

Sheet Title: MEZZANINE PLUMBING PLAN

Sheet Number: P102

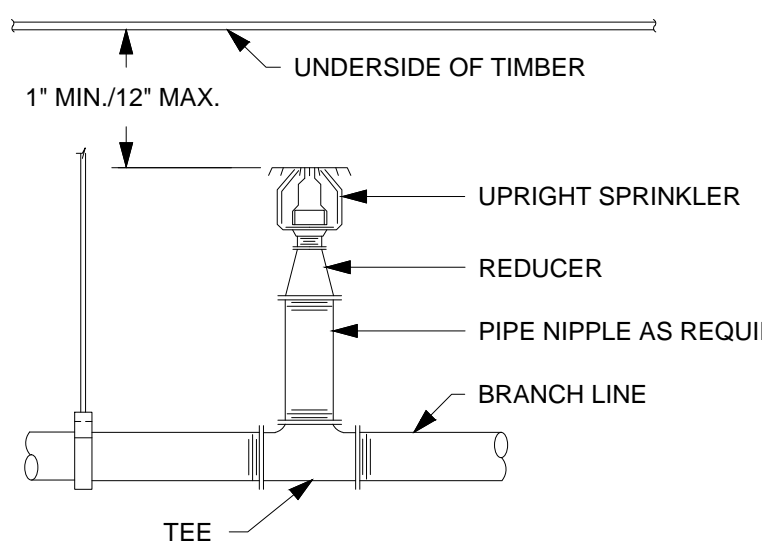
FIRE PROTECTION EQUIPMENT SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL	REMARKS / ACCESSORIES
●	PENDENT HEADS	VIKING	VK1021	STANDARD RESPONSE, K-5.6, STANDARD ORIFICE, 1/2" NPT, ORDINARY TEMPERATURE.
○	UPRIGHT HEADS	VIKING	VK1001	STANDARD RESPONSE, K-5.6, STANDARD ORIFICE, 1/2" NPT, ORDINARY TEMPERATURE.



3 TYP. PENDENT HEAD DETAIL

NTS



ALL OUTLETS IN BRANCH
PIPING SHOULD BE A MIN. OF
1"

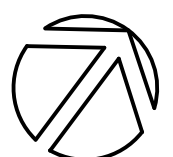
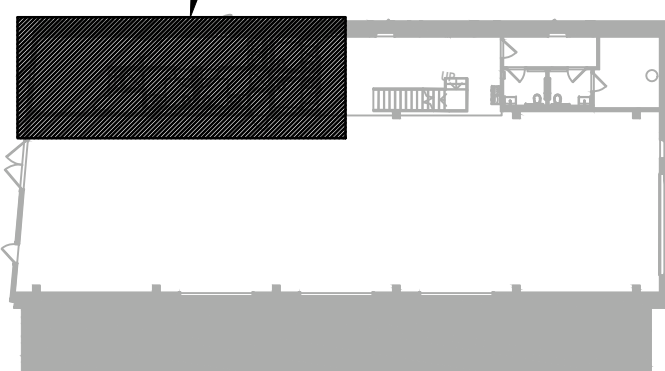
4 TYP. UPRIGHT HEAD DETAIL

NTS

FIRE PROTECTION NOTES:

1. DEMO SPRINKLER PIPE UP TO POINT INDICATED.
2. REMOVE SPRINKLER HEADS. ONCE HEADS ARE REMOVED, THEY MUST NOT BE REUSED.
3. PAINT ALL EXPOSED SPRINKLER PIPING TO MATCH EXISTING CONDITIONS

AREA OF WORK



KEY PLAN

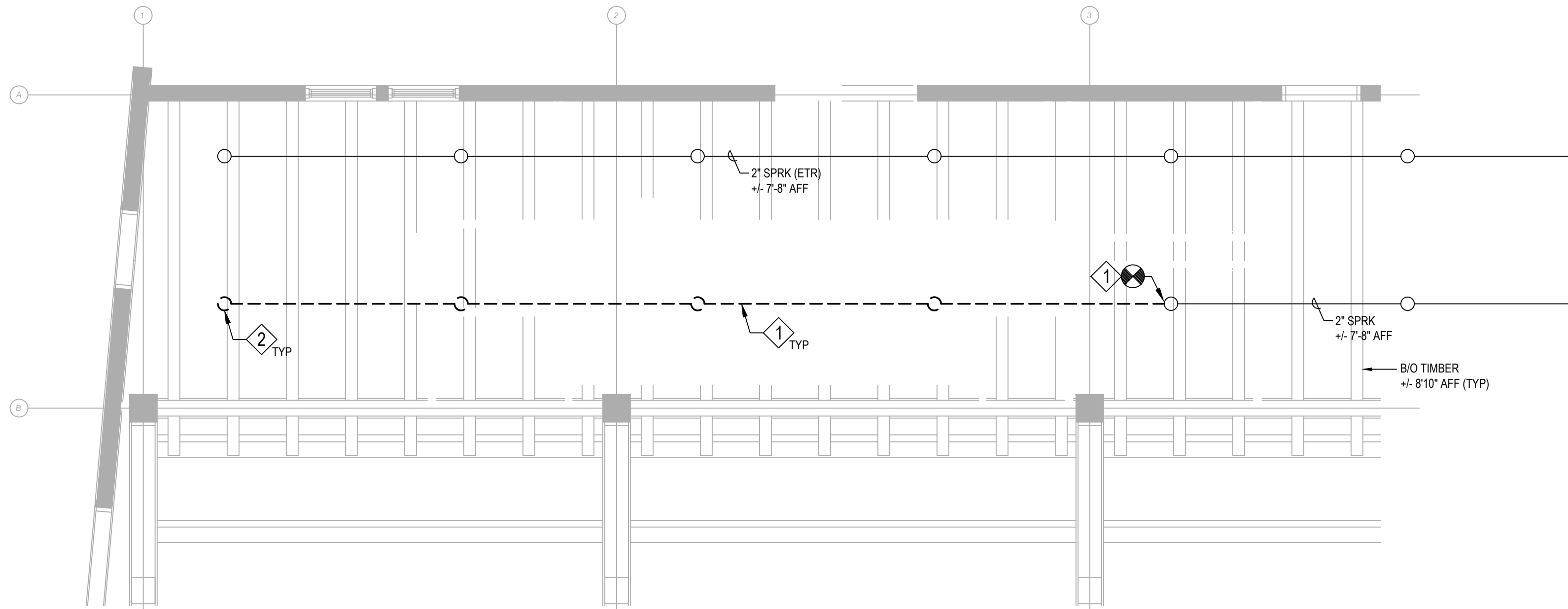
1/32" = 1'-0"

GENERAL NOTES:

1. WHERE SPRINKLER OR PIPING IS INDICATED TO BE PROVIDED, PROVIDE SPRINKLER, PIPING, AND ALL ASSOCIATED ACCESSORIES, INCLUDING HANGERS, ESCUTCHEONS, ETC.
2. WHERE INSTALLED IN A CEILING GRID, SPRINKLER SHALL BE LOCATED IN THE CENTER OF THE 2'X2' CEILING TILE OR IN THE CENTER OF A 2'X2' HALF OF THE 2'X4' CEILING TILE.
3. ALL PIPING, EQUIPMENT, AND ALL ACCESSORIES IN ALL AREAS, ARE TO BE INSTALLED TIGHT TO THE STRUCTURE TO ALLOW THE GREATEST FLOOR TO CEILING CLEARANCE POSSIBLE (VERIFY EXACT ROUTING IN FIELD).
4. SHUT OFF PIPING AS APPROPRIATE TO PERFORM WORK. NOTIFY OWNER'S REPRESENTATIVE PRIOR TO TURNING OFF ANY SERVICES.
5. PROVIDE FIRESTOPPING AT ALL PIPE PENETRATIONS THROUGH ALL FIRE RATED ASSEMBLIES.
6. WHERE FLOOR PENETRATIONS ARE REQUIRED FOR SPRINKLER PIPING INSTALLATION, CUT AND REMOVE FLOOR AS NECESSARY. PATCH AND REPAIR FLOOR TO MATCH EXISTING FINISH.
7. PROVIDE ALL TESTING AND ADJUSTING ACCORDING TO CODE AND TO SPECIFICATIONS. LABEL ALL PIPING, VALVES, EQUIPMENT, SPECIALTIES, ETC. ACCORDING CODE AND TO SPECIFICATIONS.
8. ALL VALVES OR OTHER EQUIPMENT REQUIRING FUTURE SERVICE/MAINTENANCE ARE TO BE LOCATED IN ACCESSIBLE AREAS.
9. COORDINATE SPRINKLER INSTALLATION WITH ALL OTHER TRADES, INCLUDING OTHER PIPING, DUCTWORK, DIFFUSERS, LIGHTS, AND FIRE ALARM SYSTEM, AS WELL AS THE EXISTING STRUCTURE.
10. PROVIDE ALL FIRE PROTECTION SPRINKLER PIPING AND ALL ASSOCIATED ACCESSORIES AS NECESSARY FOR FULLY FUNCTIONAL AND COMPLIANT INSTALLATION.
11. INSTALL ALL MATERIALS AND EQUIPMENT ACCORDING TO MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS AND ACCORDING TO CODE.
12. THE SPRINKLER SYSTEM SHALL BE INSTALLED IN FULL CONFORMANCE WITH NFPA 13 AS WELL AS THE REQUIREMENTS OF ALL APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION.
13. CONTRACTOR TO SUBMIT HYDRAULIC CALCULATIONS WITH A DESIGNED SPRINKLER HEAD LAYOUT AND PIPING SYSTEM FOR APPROVAL.

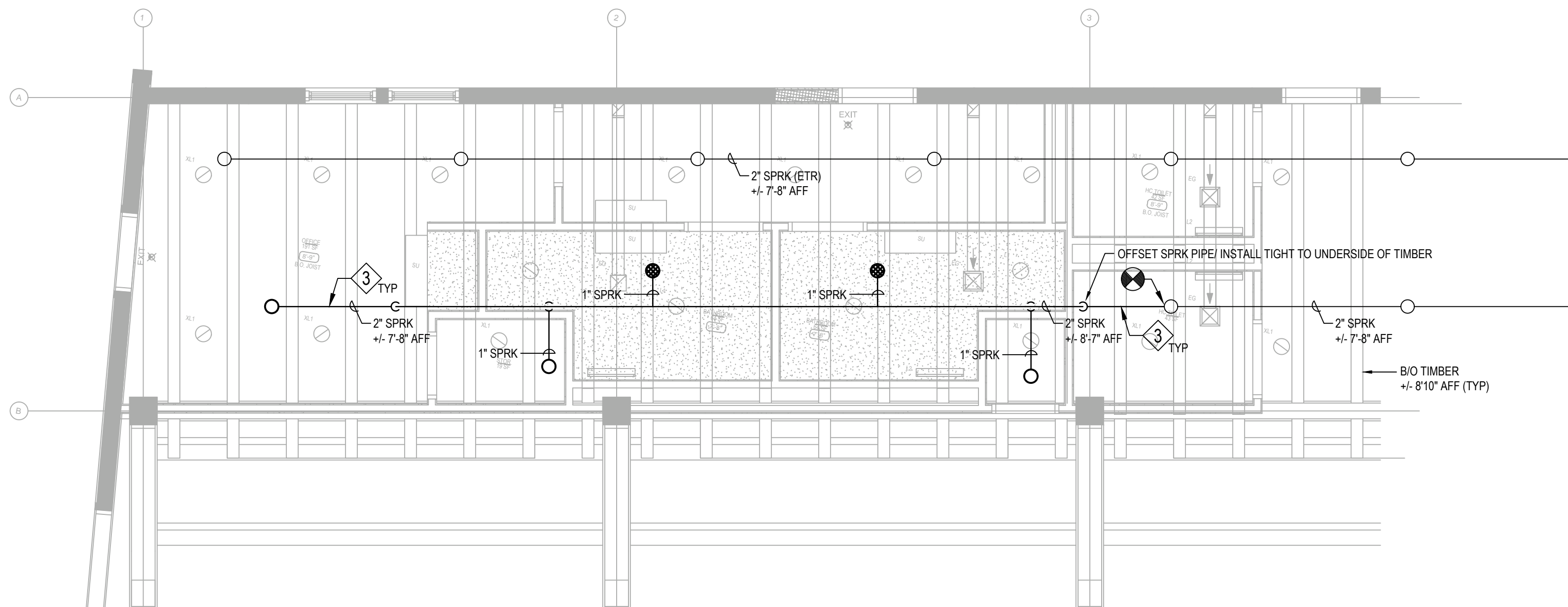
FIRE PROTECTION SYMBOL / ABBREVIATIONS LIST

NEW PIPING	CHECK VALVE
DEMOLITION	FLOW - IN DIRECTION OF ARROW
EXISTING TO REMAIN	VALVE IN RISER (TYPE AS SPECIFIED OR NOTED)
FIRE PROTECTION PIPING	RISER DOWN (ELBOW)
UNDERGROUND PIPING	RISER UP (ELBOW)
SHUTOFF VALVE	RISE OR DROP
UPRIGHT TYPE SPRINKLER HEAD	BRANCH - TOP CONNECTION
PENDENT TYPE SPRINKLER HEAD	BRANCH - BOTTOM CONNECTION
SIDEWALL TYPE SPRINKLER HEAD	BRANCH - SIDE CONNECTION
POINT OF CONNECTION TO EXISTING	CAP ON END OF PIPE
	EXISTING TO REMAIN
	HOSE VALVE CABINET
	NORMALLY CLOSED
	NORMALLY OPEN
	TYPICAL
	ELECTRICAL CONTRACTOR
	GENERAL CONTRACTOR
	PLUMBING CONTRACTOR



1 PARTIAL FIRST FLOOR DEMO PLAN

0'-1/4" = 1'-0"



2 PARTIAL FIRST FLOOR PLAN

0'-1/4" = 1'-0"



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Client: EMPIRE STATE
DEVELOPEMNT

Project: LONGSHED
INTERIOR
RENNOVATIONS

Project Address: CANAL SIDE
44 PRIME STREET
BUFFALO, NY 14202

Drawing History: # Date Description

Project Status: NOT FOR
CONSTRUCTION

Date: MAY 16, 2023
Project Number: 23007.0

Sheet Title: LONGSHED FIRE
PROTECTION
PLAN

Sheet Number: FP100

ABBREVIATIONS:

AFF	ABOVE FINISHED FLOOR
A	AMPERE
AIC	ASYMMETRIC INTERRUPTING CAPACITY
AL	ALUMINUM
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BKR	BREAKER
C	CONDUIT
CLG	CEILING
CKT	CIRCUIT
CU	COPPER
DIA	DIAMETER
DN	DOWN
EA	EACH
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
EMER	EMERGENCY
ETR	EXISTING TO REMAIN
F	FUSED
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
HP	HORSEPOWER
K	MULTIPLE OF 1000
JB	JUNCTION BOX
LTG	LIGHTING
LV	LOW VOLTAGE
MAX	MAXIMUM
MCB	MAIN CIRCUIT BREAKER
MDP	MAIN DISTRIBUTION PANEL
MIN	MINIMUM
MTG HT	MOUNTING HEIGHT
NL	NIGHT LIGHT
NEC	NATIONAL ELECTRICAL CODE
NF	NON-FUSED
NTS	NOT TO SCALE
OC	OVER-COUNTER - EC TO VERIFY HEIGHT OF COUNTER TOP
OCF	OVERCURRENT PROTECTION
P	POLE
PH	PHASE
PNL	PANEL
PRI	PRIMARY
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
UC	UNDER-CABINET
V	VOLT VERIFY IN FIELD VIF
W	WATT
WG	WIREGUARD
WP	WEATHERPROOF
XFMR	TRANSFORMER

DISTRIBUTION / BRANCH WIRING	
SYMBOL	DESCRIPTION
	PANELBOARD/LOAD CENTER - REFER TO PANELBOARD SCHEDULE
	HOMERRUN TO PANELBOARD - ARROW HEADS INDICATE NUMBER OF POLES. TEXT ADJACENT TO ARROW HEADS INDICATES PANELBOARD AND CIRCUIT DESIGNATIONS. SLASHES INDICATE CURRENT CARRYING CONDUCTORS. SLASH WITH DOT INDICATES GROUNDING CONDUCTOR. SLASH WITH G INDICATES ISOLATED GROUND CONDUCTOR.
	RACEWAY OR CABLE WITH CONDUCTORS AS NOTED
	CONDUIT OR CABLE UP
	CONDUIT OR CABLE DOWN
	TRANSFORMER

DEVICES	
SYMBOL	DESCRIPTION
	WALL - SWITCH OCCUPANCY SENSOR SUBSCRIPTS DENOTE TYPE: PIR - PASSIVE INFRARED US - ULTRASONIC DT - DUAL-TECHNOLOGY
	CEILING MOUNTED OCCUPANCY SENSOR SUBSCRIPTS DENOTE TYPE: PIR - PASSIVE INFRARED US - ULTRASONIC USC - ULTRASONIC CORRIDOR COVERAGE DT - DUAL-TECHNOLOGY
	SWITCH PACK FOR OCCUPANCY SENSORS
	ROOM LIGHTING CONTROLLER
	TOGGLE SWITCH SUBSCRIPTS DENOTE TYPE: 3 - THREE WAY SWITCH 4 - FOUR WAY SWITCH LV - LOW VOLTAGE SWITCH T - MOTOR-RATED SWITCH D - DIMMER CONTROL ROMAN NUMERALS INDICATE GANGED SWITCHES LETTERS (a,b,c) INDICATE SWITCH LEGS
	DUPLEX RECEPTACLE - 125V, 20A SUBSCRIPTS DENOTE TYPE: GFI - GROUND FAULT CIRCUIT INTERRUPTER OC - OVER COUNTER TVSS - TRANSIENT VOLTAGE SURGE SUPPRESSOR UC - UNDER COUNTER WP - WEATHER PROOF WHILE-IN-USE TR - TAMPER RESISTANT
	EQUIPMENT RECEPTACLE - REFER TO NOTE FOR CONFIGURATION
	DOUBLE DUPLEX RECEPTACLE
	SURFACE-MOUNTED DUPLEX RECEPTACLE
	EQUIPMENT CONNECTION - DIRECT CONNECTION OR MATCH CORD AND CAP AS REQUIRED
	DISCONNECT SWITCH
	JUNCTION BOX
	DATA OUTLET IN 4" SQUARE OUTLET BOX WITH 3/4" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING
	TELCOM AND DATA OUTLETS IN 4" SQUARE OUTLET BOX WITH 3/4" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING

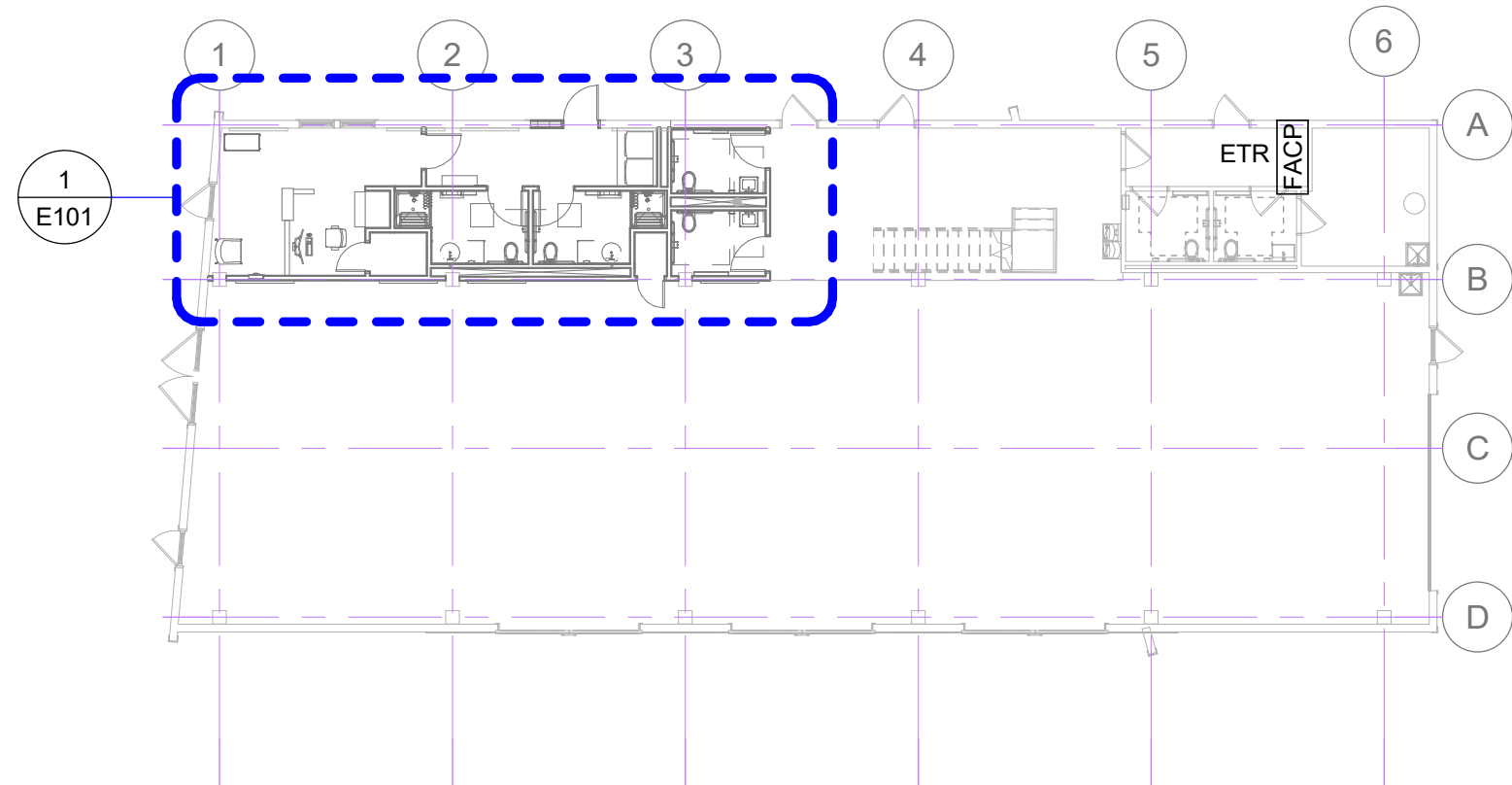
FIRE ALARM	
SYMBOL	DESCRIPTION
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	MANUAL PULLSTATION
	AUDIO/VISUAL NOTIFICATION DEVICE (HORN/STROBE)
	VISUAL NOTIFICATION DEVICE

LIGHTING	
SYMBOL	DESCRIPTION
	LIGHTING FIXTURE AND OUTLET BOX
	CEILING LIGHTING FIXTURE AND OUTLET BOX
	WALL-MOUNTED LIGHTING FIXTURE AND OUTLET BOX
	SHADING/EM DENOTES EMERGENCY FIXTURE - FIXTURE TO HAVE INTEGRAL BATTERY BACKUP
	SHADING/NL DENOTES NIGHT-LIGHT FIXTURE - FIXTURE TO BE UNSWITCHED
	EXIT SIGN - SOLID QUADRANT DENOTES DIRECTIONAL ARROWS AND LINE DENOTES PANELS/FACES
	EMERGENCY LIGHT WITH SELF DIAGNOSTICS AND 90 MINUTE BATTERY PACK

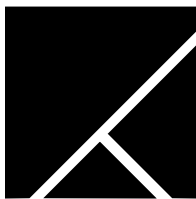
GENERAL	
DEVICES	DESCRIPTION
	HEAVY LINEWEIGHT DENOTES NEW DEVICE, EQUIPMENT, OR CONNECTION
	LIGHT LINEWEIGHT DENOTES EXISTING DEVICE, EQUIPMENT, OR CONNECTION TO REMAIN
	BROKEN LIGHT LINEWEIGHT - DENOTES EXISTING DEVICE, EQUIPMENT, OR CONNECTION TO BE REMOVED
II	ROMAN NUMERALS INDICATE NUMBER OF DEVICES
MOUNTING HEIGHTS	
DEVICES	MOUNTING HEIGHT
RECEPTACLES	18" AFF
EXTERIOR RECEPTACLES	24" AFF
SWITCHES	44" AFF
DATA/TELCOM OUTLETS	18" AFF
FIRE ALARM MANUAL PULLSTATIONS	44" AFF
FIRE ALARM VISUAL NOTIFICATION DEVICE	ENTIRE LENS BTW 80"-96" AFF
MOUNTING HEIGHTS OF DEVICES TO THE CENTER OF DEVICE AS INDICATED, UNLESS OTHERWISE NOTED	

BRANCH CIRCUIT IDENTIFICATION	
*TYPICAL OF NEARBY FIXTURES UNLESS OTHERWISE NOTED	

LUMINAIRE SCHEDULE						
TYPE	DESCRIPTION	MANUFACTURER & CAT. No.	LAMP(S)	BALLAST/VOLT.	MOUNTING	NOTES
D1	6" LED RECESSED DOWNLIGHT WITH 0-10V DIMMING AND DAMP LOCATION RATING	HALO LIGHTING HC6-10-D010-HM6-0525-835 OR APPROVED EQUAL	LED 3500K 1000 LUMENS 80 CRI	MULTIVOLT	RECESSED IN CEILING	-
U1	2' LED UNDERCABINET FIXTURE WITH DIRECT WIRE JUNCTION BOX, FROSTED LENS, ALUMINUM HOUSING, MIN. L70 OF 50,000 HOURS AND 5 YEAR WARRANTY	LITHONIA LIGHTING UCLD-24IN-30K-90CRI OR APPROVED EQUAL	LED 740 LUMENS 3000K, 90 CRI	120V	SURFACE MOUNTED	PROVIDE UCD-JB ACCESSORY
W1	2' LED LINEAR BATHROOM VANITY FIXTURE WITH 0-10V DIMMING DRIVER, FROSTED LENS, WET LOCATION RATING AND 5 YEAR WARRANTY	COOPER SHAPER 605-25-W-L3/835-UNV-ALP OR APPROVED EQUAL	LED 2000 LUMENS 3500K, 80 CRI	MULTIVOLT	SURFACE MOUNTED	
	LED EXIT SIGN WITH UV-STABILIZED THERMOPLASTIC HOUSING, UNIVERSAL MOUNTING AND RED LETTERS WITH BACKUP BATTERY	LITHONIA LIGHTING LQM-S-W-3-R-120/277-EL-N-M6 OR APPROVED EQUAL	LED	MULTIVOLT	AS INDICATED ON DRAWINGS	PROVIDE FACES AND ARROWS AS INDICATED ON DRAWINGS
	LED EMERGENCY FIXTURE WITH (2) 3.3W LED LAMPS, SEALED NICKEL CADMIUM BATTERY WITH MINIMUM 90 MINUTE ILLUMINATION AND SELF DIAGNOSTICS	LITHONIA LIGHTING ELM4L OR APPROVED EQUAL	LED (2) 6.6W LED	MULTIVOLT WITH BATTERY PACK	WALL-MOUNTED	-



KEY PLAN
SCALE: 1/16" = 1'-0"



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Client: EMPIRE STATE
DEVELOPMENT

Project: LONGSHED
INTERIOR
RENOVATIONS

Project Address: CANALSIDE
44 PRIME ST.
BUFFALO, NY 14202

Drawing History: # Date Description

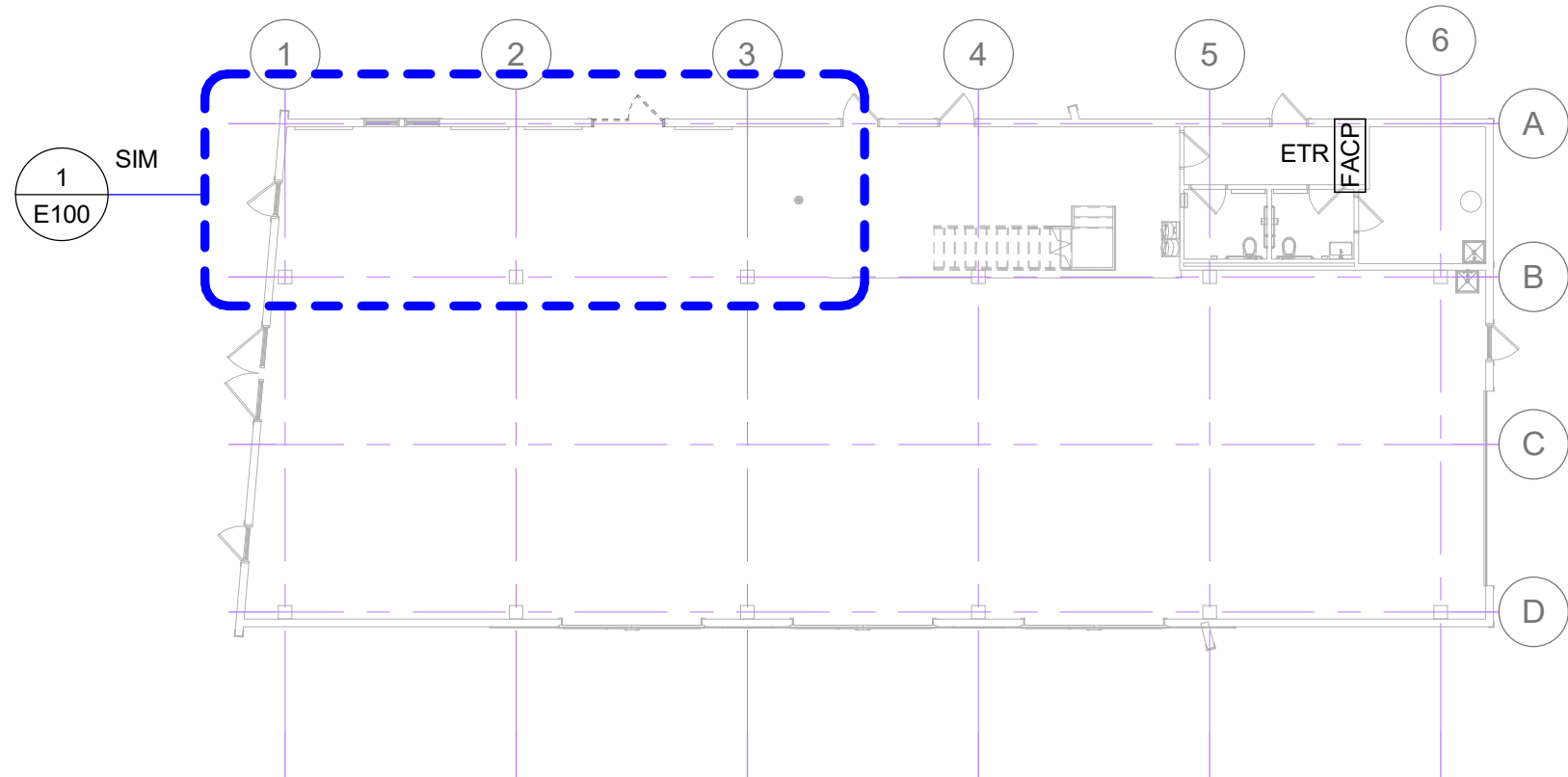
Project Status: NOT FOR
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Date: MAY 16, 2023

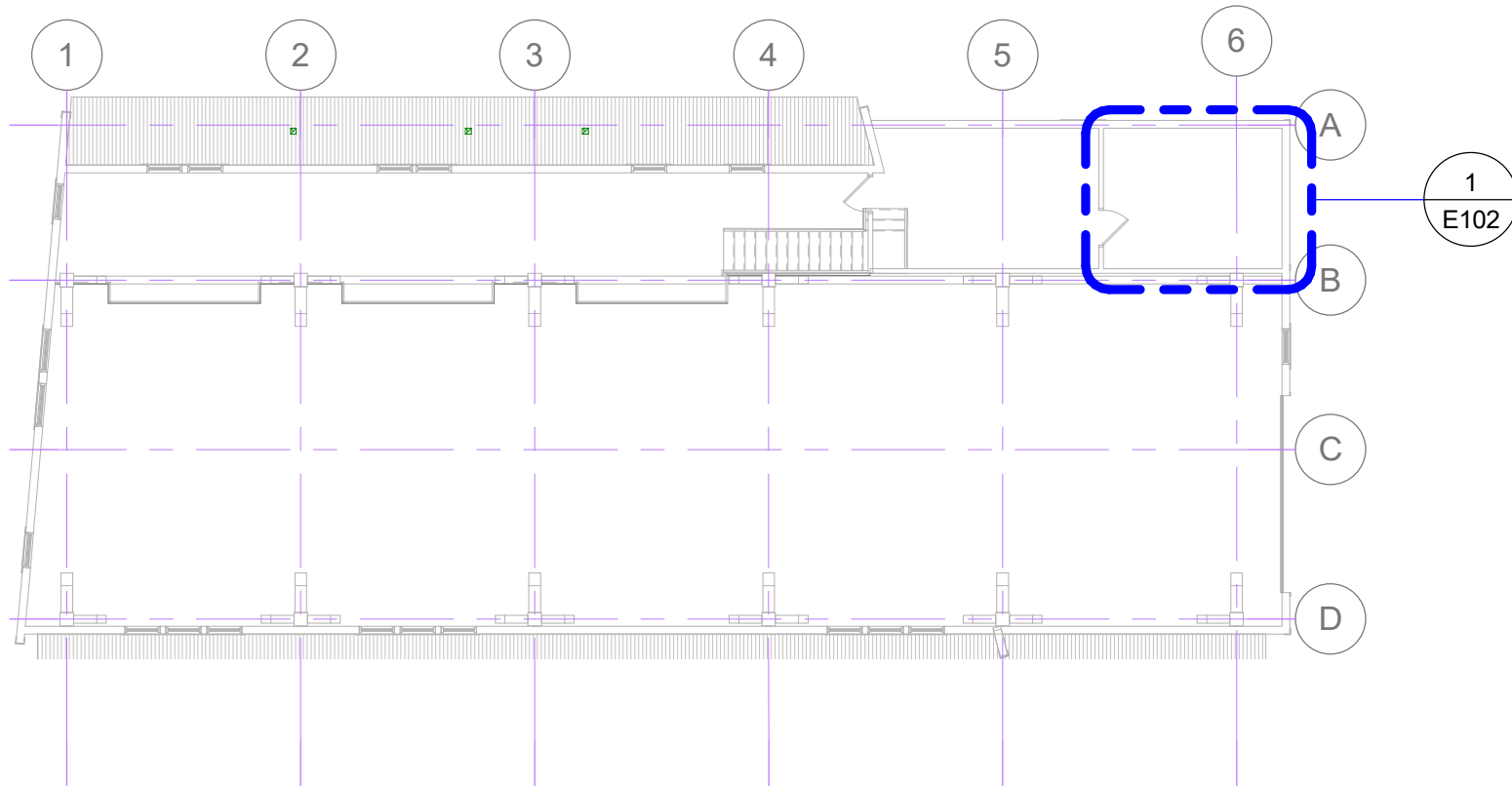
Project Number: 23007.00

Sheet Title: SYMBOL LEGEND,
DETAILS &
SCHEDULES

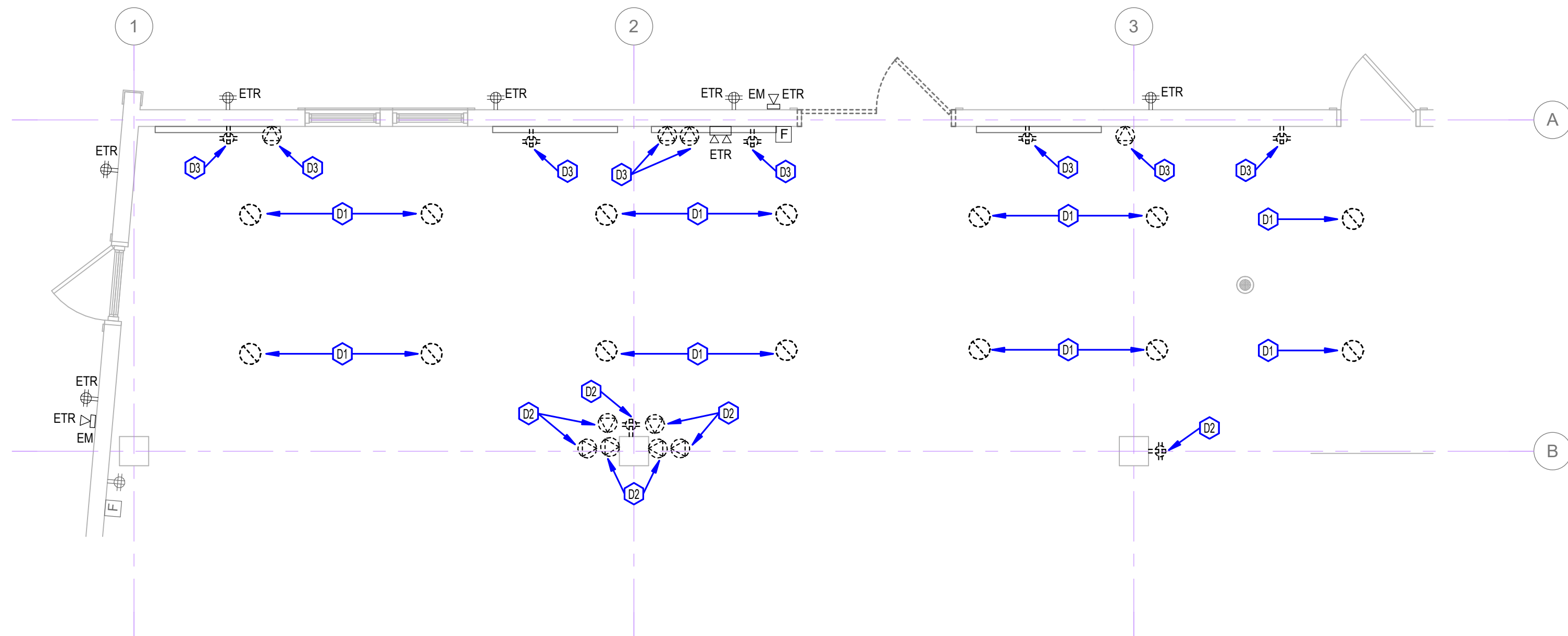
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FIRST FLOOR PLAN
SCALE: 1/16" = 1'-0"



SECOND FLOOR PLAN
SCALE: 1/16" = 1'-0"



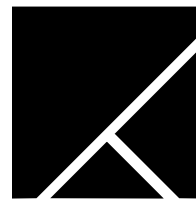
1 ELECTRICAL DEMOLITION PLAN
1/4" = 1'-0"

GENERAL ELECTRICAL DEMO NOTES:

- DEMOLITION DRAWINGS ARE INTENDED TO PROVIDE AN APPROXIMATE SCOPE OF DEMOLITION WORK, AND DO NOT INDICATE ALL DEVICES, BOXES, AND EQUIPMENT.
- THE CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF DEVICES DOWNSTREAM OF THE SCHEDULED DEMOLITION.
- THE CONTRACTOR SHALL PERFORM ALL WORK TO THE 2017 EDITION OF THE NEC.
- THE CONTRACTOR SHALL COORDINATE ALL WORK BETWEEN TRADES AND SHALL REVIEW TRADE DRAWINGS FOR COORDINATION PURPOSES.
- THE CONTRACTOR SHALL PROVIDE TYPED, UPDATED PANELBOARD SCHEDULES INDICATING CHANGES MADE BY THIS PROJECT.
- THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY EXISTING CONDITIONS.

ELECTRICAL DRAWING DEMO NOTES :

- DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE FOR RELOCATION. MAINTAIN WIRING AND CONDUIT.
- DISCONNECT AND REMOVE COLUMN-MOUNTED RECEPTACLES FOR RELOCATION. MAINTAIN WIRING AND CONDUIT.
- DISCONNECT AND REMOVE RECEPTACLE. MAINTAIN WIRING AND CONDUIT FOR RELOCATION. PATCH AND REPAIR WALL TO MATCH EXISTING CONDITIONS.



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Client: **EMPIRE STATE
DEVELOPMENT**

Project: **LONGSHED
INTERIOR
RENOVATIONS**

Project Address: CANALSIDE
44 PRIME ST.
BUFFALO, NY 14202

Drawing History: # Date Description

Project Status: **NOT FOR
CONSTRUCTION**

Date: MAY 16, 2023

Project Number: 23007.00

Sheet Title: **ELECTRICAL
DEMOLITION PLAN**

Sheet Number: **E100**



1. EXTEND/REWORK THE EXISTING BRANCH CIRCUIT WIRING AND CONDUIT TO RELOCATED LIGHT FIXTURE. REPLACE ANY PORTIONS OF THE WIRING AND CONDUIT THAT MAY BE DAMAGED OR INADEQUATE LENGTH.
2. CONNECT NEW LIGHT SWITCH TO EXISTING LIGHTING ZONE. EXTEND (1) CAT-5E CABLE IN 3/4" EMT CONDUIT TO EXISTING ROOM CONTROLLER IN SECOND FLOOR ELECTRICAL ROOM.
3. EXTEND NEW (1) CAT-5E CABLE TO EXISTING OCCUPANCY SENSOR. EXTEND (1) CAT-5E CABLE IN 3/4" EMT CONDUIT TO EXISTING ROOM CONTROLLER IN SECOND FLOOR ELECTRICAL ROOM.
4. CONNECT WALL-MOUNTED OCCUPANCY SENSOR TO RESTROOM LIGHTS AND EXHAUST FAN.

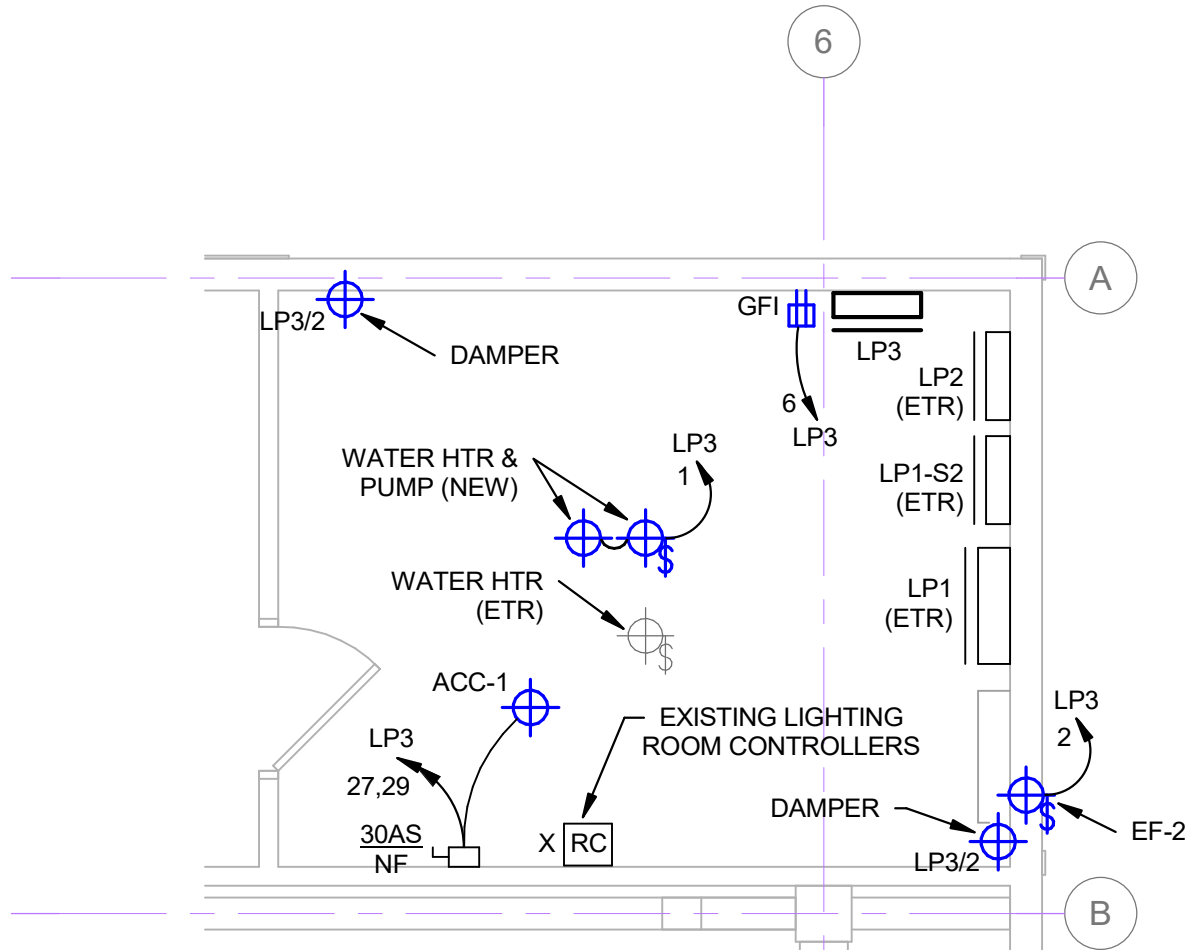


GENERAL ELECTRICAL NOTES:

- A. PROVIDE BRANCH CIRCUITING FOR ALL DEVICES SHOWN. BRANCH WIRING IS, IN GENERAL, NOT SHOWN WITH THE FOLLOWING UNDERSTANDING: THE CONTRACTOR SHALL "CIRCUIT UP" ALL DEVICES SHOWN IN THE MOST EFFECTIVE ROUTING, BASED ON CONSTRUCTION CONDITIONS AND/OR RESTRICTIONS.
- B. THE USE OF EXPOSED RACEWAYS IN FINISHED AREAS IS NOT ACCEPTABLE UNLESS ALL OTHER METHODS OF RACEWAY CONCEALMENT HAVE BEEN EXHAUSTED. ALL CONDUIT/WIRE/CABLING SHALL BE RUN WITHIN THE CEILING AND WALL SPACES.
- C. THE CONTRACTOR SHALL PERFORM ALL WORK TO THE 2017 EDITION OF THE NEC.
- D. THE CONTRACTOR SHALL COORDINATE ALL WORK BETWEEN TRADES AND SHALL REVIEW TRADE DRAWINGS FOR COORDINATION PURPOSES.
- E. UNLESS OTHERWISE NOTED, ALL BRANCH CIRCUIT WIRING SHALL BE #12 AWG MINIMUM.
- F. CIRCUIT NUMBERS ON THIS DRAWING ARE FOR THE SOLE PURPOSE OF CLARIFICATION, AND ARE NOT INTENDED TO INDICATE POLE POSITION IN THE PANELBOARD. UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL CONNECT ALL DEVICES TO AVAILABLE CIRCUITS IN DESIGNATED PANELBOARDS. THE CONTRACTOR SHALL BALANCE ALL LOADS IN THE PANEL AND SHALL INDICATE THE CORRECT CIRCUIT DESIGNATIONS ON A TYPED PANELBOARD SCHEDULE AND ON "AS-BUILT" RECORD DRAWINGS.
- G. CONNECT NEW FIRE ALARM DEVICES TO EXISTING FIRE ALARM SYSTEM.

ELECTRICAL DRAWING NOTES 1:

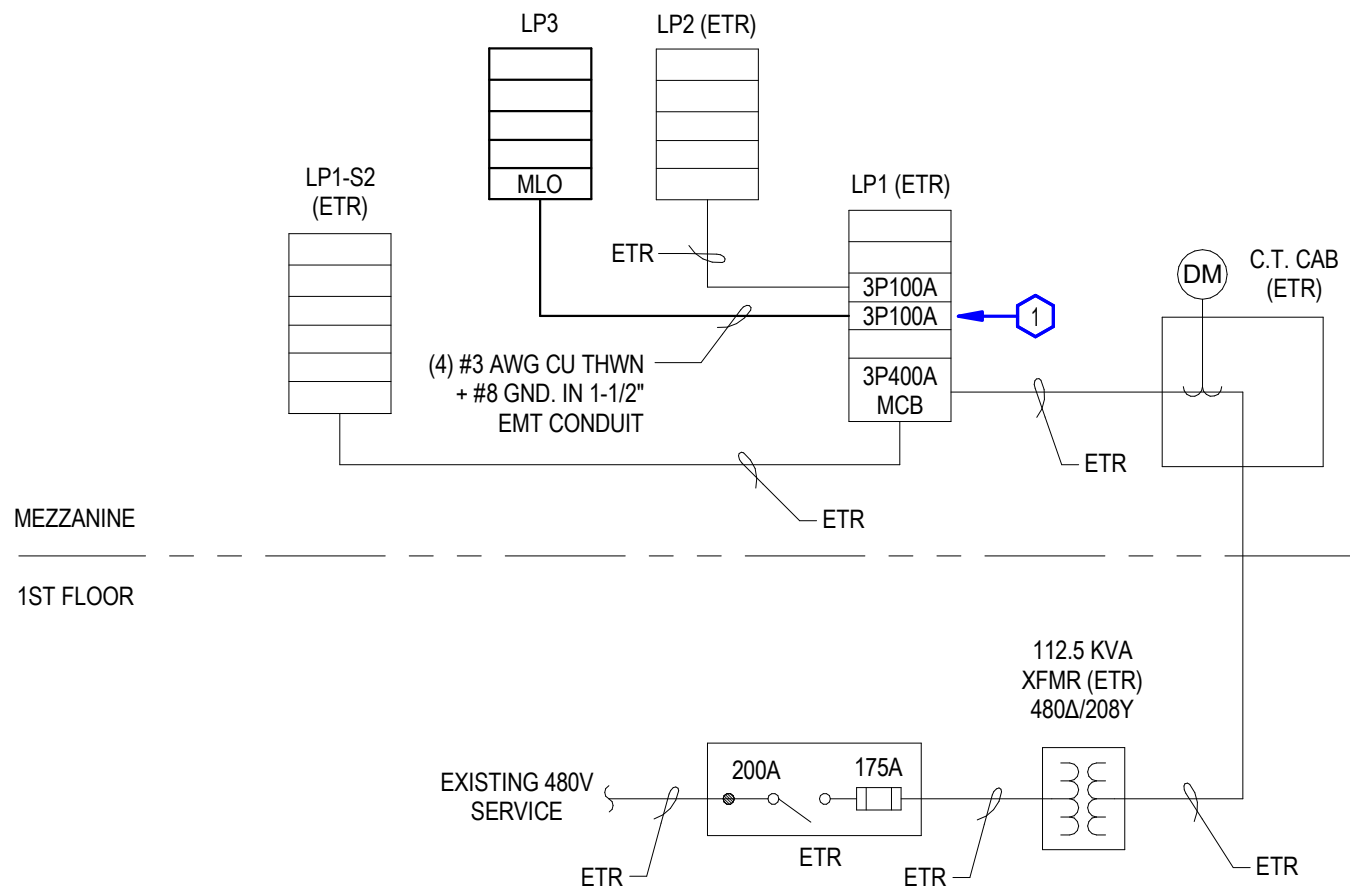
1. REPLACE (3) 1P20A BREAKERS WITH (1) 3P100A BREAKER, EXTEND NEW FEEDERS AND CONDUIT TO PANEL LP3 UTILIZING EXISTING WIRING GUTTER, EXTEND RELOCATED CIRCUITS TO PANEL LP1 SECTION 2.



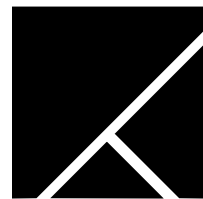
1 MEZZANINE POWER & SYSTEMS PLAN
1/4" = 1'-0"

VOLTS 208Y/120V				PANEL LP3				IC RATING 10K					
BUS RATING 100A				LOCATION MEZZ ELEC RM				TYPE					
MAIN BKR MLO								MTG SURFACE					
LOCATION		WATTAGE			CIR	BKR		BKR	CIR	WATTAGE			LOCATION
		Aφ	Bφ	Cφ						Aφ	Bφ	Cφ	
WATER HEATER & PUMP					1	20GF	●	20	2				MECH ROOM EXHAUST FAN
RESTROOM RECP.					3	20	●	20GF	4				WASHING MACHINE
RESTROOM RECP.					5	20	●	20	6				MECH ROOM RECP.
					7		●		8				
FAN COILS					9	15	●	30	10				DRYER
SPARE					11	20	●	20	12				SPARE
SPARE					13	20	●	20	14				SPARE
SPARE					15	20	●	20	16				SPARE
SPARE					17	20	●	20	18				SPARE
SPARE					19	20		20	20				SPARE
SPACE					21		●		22				SPACE
SPACE					23		●		24				SPACE
SPACE					25		●		26				SPACE
ACC-1					27		●		28				SPACE
					29	25	●		30				SPACE
SUBTOTALS													

2 PANEL SCHEDULE
(N.T.S.)



3 RISER DIAGRAM
(N.T.S.)



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Client: EMPIRE STATE
DEVELOPMENT

Project: LONGSHED
INTERIOR
RENOVATIONS

Project Address: CANALSIDE
44 PRIME ST.
BUFFALO, NY 14202

Drawing History: # Date Description

Project Status: NOT FOR
CONSTRUCTION

Date: MAY 16, 2023

Project Number: 23007.00

Sheet Title: MEZZANINE POWER
PLAN AND PANEL
SCHEDULE

Sheet Number: E102